APPENDICES

1242 20th Street Wellness Center Project

Final Environmental Impact Report

SCH No. 2018011001

Volume 2

October 2021

Prepared for:

City of Santa Monica
Planning Division
1685 Main Street, Room 212
Santa Monica, California 90407

Prepared by:

Dudek
38 North Marengo
Pasadena, California 91101

APPENDIX A

Initial Study, NOP, and NOP Comment Letters

CITY OF SANTA MONICA
CITY PLANNING DIVISION
1685 MAIN STREET, ROOM 212
SANTA MONICA, CA 90401

REVISED NOTICE OF PREPARATION/NOTICE OF PUBLIC SCOPING MEETING FOR A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE WELLNESS CENTER PROJECT AT 1242 20TH STREET

DATE: January 9, 2018

TO: State Clearinghouse, Responsible Agencies, Trustee Agencies, Organizations and Interested Parties

LEAD AGENCY: City of Santa Monica
City Planning Division
1685 Main Street, Room 212
Santa Monica, California 90407
Contact: Rachel Kwok, Environmental Planner
Phone: (310) 458-8341

A Notice of Preparation/Notice of Scoping Meeting was originally sent out for the project on January 3, 2018. However, there was an inadvertent error on the notice regarding the applicant of the project. Please note that the applicant is 1925 Arizona, LLC. This revised notice also extends out the public comment period to February 8, 2018.

The City of Santa Monica (City) intends to prepare an Environmental Impact Report (EIR) for the proposed Wellness Center Project at 1242 20th Street (the proposed project) at the corner of 20th Street and Arizona. In accordance with Section 15082 of the State CEQA Guidelines, the City has prepared this Notice of Preparation to provide the public, Responsible Agencies, and other interested parties with information describing the proposed project and its potential environmental effects. The EIR will address the proposed project's potentially significant effects in the following environmental issue areas:

- Aesthetics and Shade/Shadows
- Air Quality
- Construction Effects
- Cultural Resources
- Geology/Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Land Use and Planning
- Noise
- Transportation/Circulation
- Utilities
- Mandatory Findings of Significance

PROJECT APPLICANT: 1925 Arizona, LLC

PROJECT LOCATION AND EXISTING ONSITE USES: The approximately 45,009 square-foot (1.03 acre) project site is addressed as 1925 Arizona Avenue, 1234 20th Street, and 1242 20th Street, in the Health Care Mixed Use District of the City. The project site is comprised of two parcels, Assessor Parcel Numbers (APN) 4276-013-033 and 4276-013-032. The site is bordered by 20th Street on the northeast, Arizona Ave to the southeast, 19th Court alley to the southwest, and a daycare to the northwest. The project site consists of an approximately 45,009 square foot (sf) lot that is currently improved with a two-story funeral home facility, a one-story chapel structure, two two-story residential structures, and a surface parking lot.

PROJECT DESCRIPTION: The proposed Wellness Center Project ("project") would involve the adaptive reuse of approximately 7,965 sf of the existing funeral home/chapel building along with the construction of a new addition building for use as a Wellness Center. As part of the project, approximately 1,313 sf of the ancillary portion of the existing funeral home/chapel building, composing mainly of the rear alley facing garage section of the building, and both of the vacant residential structures would be demolished. The project would include the construction of a new 3-story, 45 foot tall addition building on-site, comprising approximately 59,548 sf. With the adaptive reuse of existing

floor area and new construction, the project would be approximately 67,513 sff comprising of 53,091 sf of research & development uses, 17,702 sf of clinic/office uses, and 8,239 sf of ancillary meeting/conference room space. The Wellness Center is envisioned to accommodate a range of traditional to cutting edge medical research activities, providing spaces for laboratory modules, specialized equipment, medical archives, and both private and collaborative office spaces for staff. Medical clinic and office functions such as outpatient care are also anticipated, and would require flexible spaces for patient treatment and administration. To accommodate on-site hosting of educational programming on topics of healthcare and wellness, there will be flexible meeting and conference space.

REVIEW PERIOD: As specified by the State CEQA Guidelines, this Notice of Preparation will be circulated for a minimum 30-day review period. Please go to the City's webpage https://www.smgov.net/Departments/PCD/Environmental-Reports/1242-20th-Street-Wellness-Center-Project for the NOP and associated project info (including project location map, site plan, rendering). The City welcomes agency and public input during this period regarding the scope and content of environmental information that must be included in the Draft EIR. **Comments may be submitted, in writing, by 5:30 p.m. on February 9, 2018** and addressed to:

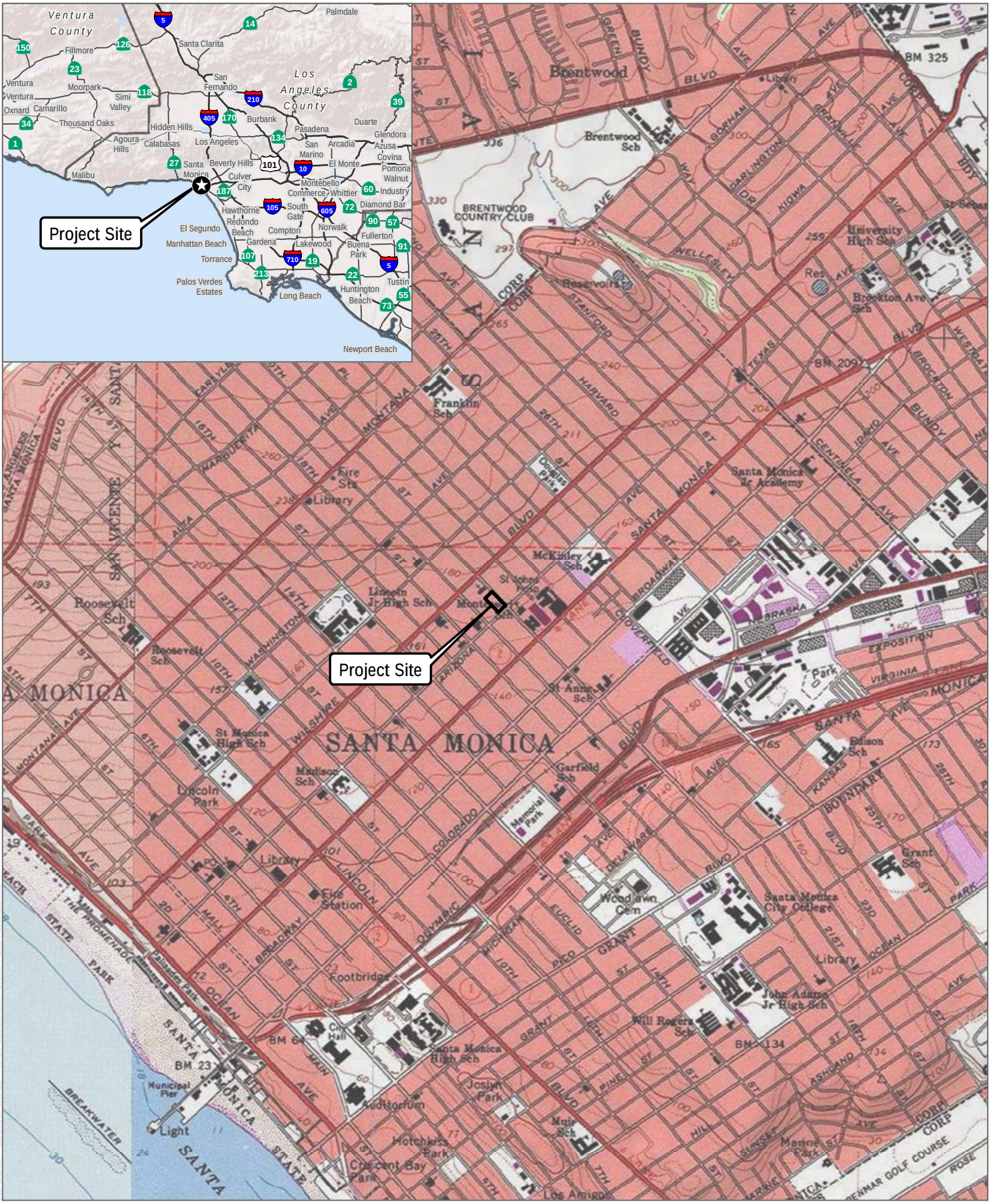
Rachel Kwok, Environmental Planner
City Planning Division
1685 Main Street, Room 212
Santa Monica, California 90407
Telephone: (310) 458-8341
E-mail: rachel.kwok@smgov.net

PUBLIC SCOPING MEETING: A public scoping meeting in an open house format will be held to describe the proposed project, the environmental review process, and to receive public comments on the scope of the EIR. The meeting will be held at the following date and location:

6:00 pm - 7:00 pm
Thursday January 18, 2018
Auditorium, McKinley Elementary School
2401 Santa Monica Boulevard
Santa Monica, CA 90404

The City will consider all comments, written and oral, in determining the final scope of the evaluation to be included in the EIR.

ESPAÑOL: Este es un aviso de que la Ciudad está preparando un informe que describe los posibles efectos ambientales de la construcción propuesta de un centro de salud, que puede ser de su interés. Para más información, llame a Carmen Gutiérrez al 310 458 8341.



SOURCE: USGS 7.5-Minute Series Beverly Hills Quadrangle
Township 2S; Range 15W; Section 5

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

Wellness Center Project NOP

SOURCE: Bing Maps (Accessed 2017); County of Los Angeles GIS

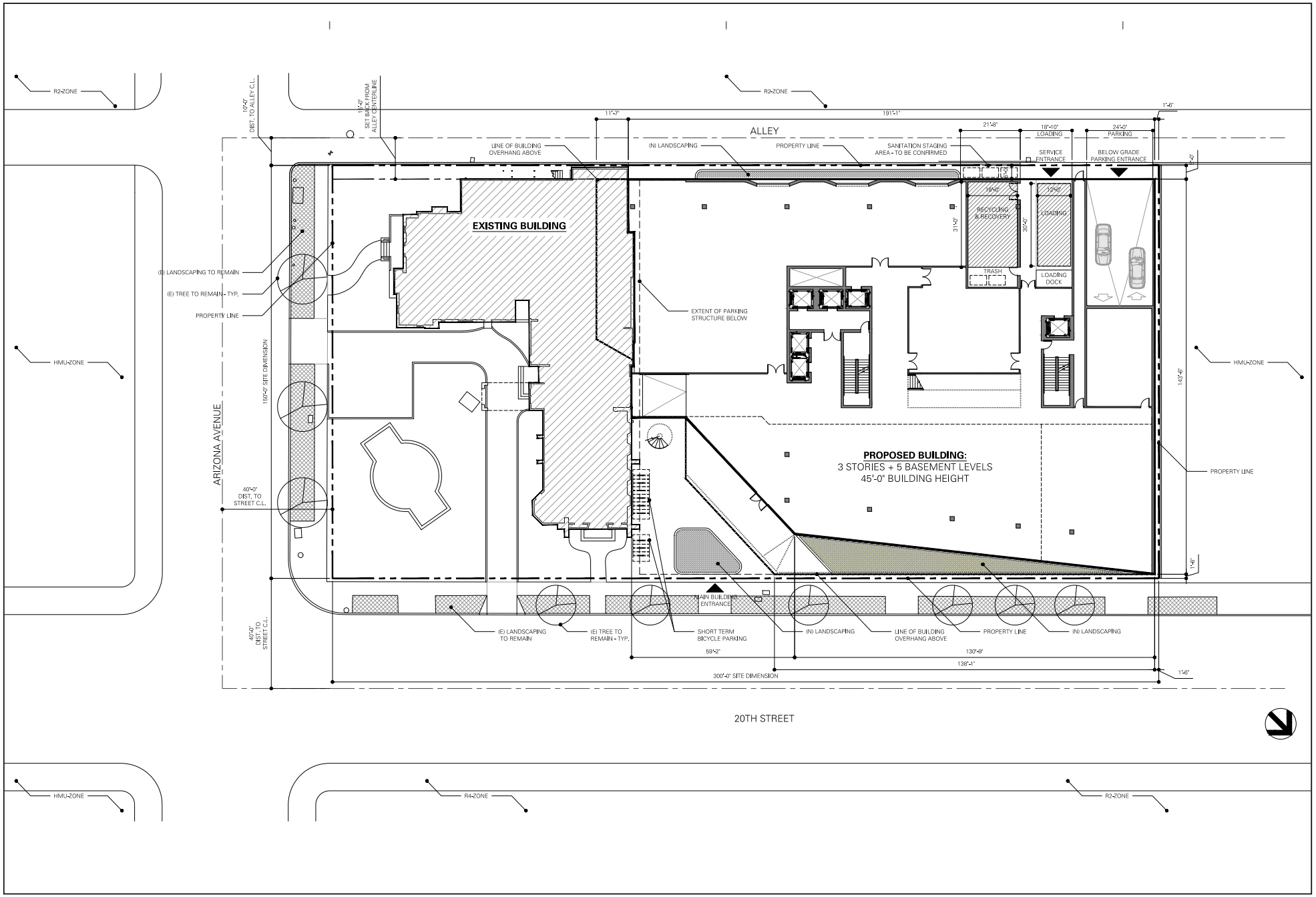
DUDEK

0 150 300 Feet

FIGURE 2

Project Site

Wellness Center Project NOP



SOURCE: NMDA Architects, Inc. (2017)

DUDEK

FIGURE 3

Site Plan

Wellness Center Project NOP

STATE OF CALIFORNIA
NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone (916) 373-3710

Edmund G. Brown Jr., Governor

January 9, 2018

Rachel Kwok
City of Santa Monica
1685 Main Street, Room 210
P. O. Box 2200
Santa Monica, CA 90407-2200

Sent via e-mail: Rachel.kwok@smgov.net

RE: SCH# 2018011001; Wellness Center Project, City of Santa Monica; Los Angeles County, California

Dear Ms. Kwok:

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

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a **separate category of cultural resources**, "tribal cultural resources" (Pub. Resources Code § 21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment (Pub. Resources Code § 21084.2). Please reference California Natural Resources Agency (2016) "Final Text for tribal cultural resources update to Appendix G: Environmental Checklist Form," http://resources.ca.gov/ceqa/docs/ab52/Clean-final-AB-52-App-G-text-Submitted.pdf. Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code § 21084.3 (a)). **AB 52 applies to any project for which a notice of preparation or a notice of negative declaration or mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. § 800 et seq.) may also apply.

The NAHC recommends **lead agencies consult with all California Native American tribes** that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments. **Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws**.

AB 52

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

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a **lead agency** shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
   a. A brief description of the project.
   b. The lead agency contact information.
   c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code § 21080.3.1 (d)).
   d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code § 21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A **lead agency** shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code § 21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. (Pub. Resources Code § 21080.3.1(b)).
   a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code § 65352.4 (SB 18). (Pub. Resources Code § 21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
   a. Alternatives to the project.
   b. Recommended mitigation measures.
   c. Significant effects. (Pub. Resources Code § 21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
   a. Type of environmental review necessary.
   b. Significance of the tribal cultural resources.
   c. Significance of the project's impacts on tribal cultural resources.
   d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code § 21080.3.2 (a)).

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

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
   a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
   b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code section 21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code § 21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
    a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
    b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code § 21080.3.2 (b)).

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

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

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
        i. Planning and construction to avoid the resources and protect the cultural and natural context.
        ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
        i. Protecting the cultural character and integrity of the resource.
        ii. Protecting the traditional use of the resource.
        iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code § 21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a nonfederally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code § 815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code § 5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An environmental impact report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code sections 21080.3.1 and 21080.3.2 and concluded pursuant to Public Resources Code section 21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code section 21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code § 21082.3 (d)).

    This process should be documented in the Cultural Resources section of your environmental document.

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

SB 18

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

Some of SB 18's provisions include:

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

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

NAHC Recommendations for Cultural Resources Assessments

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

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have been already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

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

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

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

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

Please contact me if you need any additional information at gayle.totton@nahc.ca.gov.

Sincerely,

Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst
(916) 373-3714

cc: State Clearinghouse

EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA

GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT

KEN ALEX
DIRECTOR

Notice of Preparation

January 3, 2018

To: Reviewing Agencies

Re: Wellness Center Project
SCH# 2018011001

Attached for your review and comment is the Notice of Preparation (NOP) for the Wellness Center Project draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Rachel Kwok
City of Santa Monica
1685 Main Street, Room 210
P.O. Box 2200
Santa Monica, CA 90407-2200

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

Document Details Report
State Clearinghouse Data Base

SCH# 2018011001
Project Title Wellness Center Project
Lead Agency Santa Monica, City of

Type NOP Notice of Preparation

Description The project would involve the adaptive reuse of approx 7,965 sf of the existing funeral home and chapel building along with the construction of a new addition building for use as a Wellness Center. As part of the project, approx 1,313 sf of the ancillary portion of the existing funeral home/chapel building, composing mainly of the rear alley facing garage section of the building, and both of the vacant residential structures would be demolished. The project would include the construction of a new 3-story, 45 ft tall addition building on-site, comprising approx 59,548 sf. With the adaptive reuse of existing floor area and new construction, the project would be approx 67,513 sf comprising of 53,091 sf of research & development uses, 17,702 sf of clinic/office uses, and 8,239 sf of ancillary meeting/conference room space.

Lead Agency Contact

Name Rachel Kwok
Agency City of Santa Monica
Phone (310) 458-8341 **Fax**
email
Address 1685 Main Street, Room 210
P.O. Box 2200
City Santa Monica **State** CA **Zip** 90407-2200

Project Location

County Los Angeles
City Santa Monica
Region
Cross Streets 20th St and Arizona
Lat / Long 34° 01' 48.4" N / 118° 28' 55.5" W
Parcel No. 4267-013-033, -032
Township **Range** **Section** **Base**

Proximity to:

Highways hwy 1, I-10
Airports Santa Monica Municipal
Railways Metro Lt Rail
Waterways Santa Monica Bay/Pacific Ocean
Schools McKinley ES
Land Use former funeral home/vacant residential use; Z: Healthcare mixed use

Project Issues

Reviewing Agencies

Date Received 01/03/2018 **Start of Review** 01/03/2018 **End of Review** 02/01/2018

Print Form

Appendix C

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH# 2018011001

Project Title: Wellness Center Project

Lead Agency: City of Santa Monica | Contact Person: Rachel Kwok
Mailing Address: 1685 Main Street | Phone: 310-458-8341
City: Santa Monica | Zip: 90401 | County: Los Angeles County

Project Location: County: Los Angeles County | City/Nearest Community: Santa Monica
Cross Streets: 20th Street and Arizona | Zip Code: 90401
Longitude/Latitude (degrees, minutes and seconds): 34 ° 01 ′ 48.4 ″ N / 118 ° 28 ′ 55.5 ″ W | Total Acres: 1.03
Assessor's Parcel No.: 4267-013-033 and 4276-013-032 | Section: | Twp.: | Range: | Base:
Within 2 Miles: State Hwy #: Hwy 1 (PCH), I-10 | Waterways: Santa Monica Bay/Pacific Ocean
Airports: Santa Monica Municipal | Railways: Metro Lt Rail | Schools: McKinley Elementary

Document Type:

Governor's Office of Planning & Research
JAN 03 2013
STATE CLEARINGHOUSE

CEQA: [x] NOP [ ] Draft EIR [ ] Supplement/Subsequent EIR (Prior SCH No.) [ ] Early Cons [ ] Neg Dec [ ] Mit Neg Dec [ ] Other:
NEPA: [ ] NOI [ ] EA [ ] Draft EIS [ ] FONSI
Other: [ ] Joint Document [ ] Final Document [ ] Other:

Local Action Type:

[ ] General Plan Update [ ] General Plan Amendment [ ] General Plan Element [ ] Community Plan
[ ] Specific Plan [ ] Master Plan [ ] Planned Unit Development [x] Site Plan
[ ] Rezone [ ] Prezone [ ] Use Permit [ ] Land Division (Subdivision, etc.)
[ ] Annexation [ ] Redevelopment [ ] Coastal Permit [ ] Other:

Development Type:

[ ] Residential: Units | Acres
[ ] Office: Sq.ft. | Acres | Employees
[x] Commercial: Sq.ft. 67,513 | Acres | Employees
[ ] Industrial: Sq.ft. | Acres | Employees
[ ] Educational:
[ ] Recreational:
[ ] Water Facilities: Type | MGD
[ ] Transportation: Type
[ ] Mining: Mineral
[ ] Power: Type | MW
[ ] Waste Treatment: Type | MGD
[ ] Hazardous Waste: Type
[ ] Other:

Project Issues Discussed in Document:

[x] Aesthetic/Visual
[ ] Agricultural Land
[x] Air Quality
[x] Archeological/Historical
[ ] Biological Resources
[ ] Coastal Zone
[ ] Drainage/Absorption
[ ] Economic/Jobs
[ ] Fiscal
[ ] Flood Plain/Flooding
[ ] Forest Land/Fire Hazard
[x] Geologic/Seismic
[ ] Minerals
[x] Noise
[ ] Population/Housing Balance
[ ] Public Services/Facilities
[ ] Recreation/Parks
[ ] Schools/Universities
[ ] Septic Systems
[x] Sewer Capacity
[ ] Soil Erosion/Compaction/Grading
[ ] Solid Waste
[x] Toxic/Hazardous
[x] Traffic/Circulation
[ ] Vegetation
[ ] Water Quality
[ ] Water Supply/Groundwater
[ ] Wetland/Riparian
[ ] Growth Inducement
[x] Land Use
[x] Cumulative Effects
[x] Other: Greenhouse Gas

Present Land Use/Zoning/General Plan Designation:

Former funeral home/vacant residential use; Zoning - Healthcare Mixed Use

Project Description: *(please use a separate page if necessary)*

The project would involve the adaptive reuse of approximately 7,965 sf of the existing funeral home and chapel building along with the construction of a new addition building for use as a Wellness Center. As part of the project, approximately 1,313 sf of the ancillary portion of the existing funeral home/chapel building, composing mainly of the rear alley facing garage section of the building, and both of the vacant residential structures would be demolished. The project would include the construction of a new 3-story, 45 foot tall addition building on-site, comprising approximately 59,548 sf. With the adaptive reuse of existing floor area and new construction, the project would be approximately 67,513 sff comprising of 53,091 sf of research &

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".
If you have already sent your document to the agency please denote that with an "S".

X	Air Resources Board	X	Office of Historic Preservation
	Boating & Waterways, Department of		Office of Public School Construction
	California Emergency Management Agency	X	Parks & Recreation, Department of
	California Highway Patrol		Pesticide Regulation, Department of
X	Caltrans District #7		Public Utilities Commission
	Caltrans Division of Aeronautics	X	Regional WQCB #4
	Caltrans Planning		Resources Agency
	Central Valley Flood Protection Board		Resources Recycling and Recovery, Department of
	Coachella Valley Mtns. Conservancy		S.F. Bay Conservation & Development Comm.
	Coastal Commission		San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
	Colorado River Board		San Joaquin River Conservancy
X	Conservation, Department of	X	Santa Monica Mtns. Conservancy
	Corrections, Department of		State Lands Commission
	Delta Protection Commission		SWRCB: Clean Water Grants
	Education, Department of		SWRCB: Water Quality
	Energy Commission		SWRCB: Water Rights
X	Fish & Game Region #5		Tahoe Regional Planning Agency
	Food & Agriculture, Department of	X	Toxic Substances Control, Department of
	Forestry and Fire Protection, Department of		Water Resources, Department of
	General Services, Department of		
	Health Services, Department of		Other:
	Housing & Community Development		Other:
X	Native American Heritage Commission		

Local Public Review Period (to be filled in by lead agency)

Starting Date January 3, 2018 Ending Date February 3, 2018

Lead Agency (Complete if applicable):

Consulting Firm: Dudek
Address: 38 N. Marengo Avenue
City/State/Zip: Pasadena, CA 91101
Contact: Ruta Thomas
Phone: 626 204 9822

Applicant: City of Santa Monica
Address: 1685 Main Street
City/State/Zip: Santa Monica, CA 90405
Phone: 310 458 8341

Signature of Lead Agency Representative: _____ **Date:** 1/2/18

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

stribution List

County: Los Angeles

SCH# 2018011001

Agency

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Herota

of Historic rvation
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Goldbeck

of Water rces
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Gayou

Game

. of Fish & Wildlife
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abcock

Wildlife Region 1E
Harnsberger

Wildlife Region 2
ongesen

Wildlife Region 3
Veightman

- ☐ **Fish & Wildlife Region 4**
  Julie Vance
- ■ **Fish & Wildlife Region 5**
  Leslie Newton-Reed
  Habitat Conservation Program
- ☐ **Fish & Wildlife Region 6**
  Tiffany Ellis
  Habitat Conservation Program
- ☐ **Fish & Wildlife Region 6 I/M**
  Heidi Calvert
  Inyo/Mono, Habitat Conservation Program
- ☐ **Dept. of Fish & Wildlife M**
  William Paznokas
  Marine Region

Other Departments

- ☐ **California Department of Education**
  Lesley Taylor
- ☐ **OES (Office of Emergency Services)**
  Monique Wilber
- ☐ **Food & Agriculture**
  Sandra Schubert
  Dept. of Food and Agriculture
- ☐ **Dept. of General Services**
  Cathy Buck
  Environmental Services Section
- ☐ **Housing & Comm. Dev.**
  CEQA Coordinator
  Housing Policy Division

Independent Commissions,Boards

- ☐ **Delta Protection Commission**
  Erik Vink
- ☐ **Delta Stewardship Council**
  Anthony Navasero
- ☐ **California Energy Commission**
  Eric Knight
- ■ **Native American Heritage Comm.**
  Debbie Treadway
- ■ **Public Utilities Commission**
  Supervisor
- ☐ **Santa Monica Bay Restoration**
  Guangyu Wang
- ☐ **State Lands Commission**
  Jennifer Deleong
- ☐ **Tahoe Regional Planning Agency (TRPA)**
  Cherry Jacques

Cal State Transportation Agency CalSTA

- ■ **Caltrans - Division of Aeronautics**
  Philip Crimmins
- ☐ **Caltrans – Planning HQ LD-IGR**
  Christian Bushong
- ■ **California Highway Patrol**
  Suzann Ikeuchi
  Office of Special Projects

Dept. of Transportation

- ☐ **Caltrans, District 1**
  Rex Jackman
- ☐ **Caltrans, District 2**
  Marcelino Gonzalez
- ☐ **Caltrans, District 3**
  Eric Federicks – South
  Susan Zanchi - North
- ☐ **Caltrans, District 4**
  Patricia Maurice
- ☐ **Caltrans, District 5**
  Larry Newland
- ☐ **Caltrans, District 6**
  Michael Navarro
- ■ **Caltrans, District 7**
  Dianna Watson
- ☐ **Caltrans, District 8**
  Mark Roberts
- ☐ **Caltrans, District 9**
  Gayle Rosander
- ☐ **Caltrans, District 10**
  Tom Dumas
- ☐ **Caltrans, District 11**
  Jacob Armstrong
- ☐ **Caltrans, District 12**
  Maureen El Harake

Cal EPA

Air Resources Board

- ☐ **Airport & Freight**
  Jack Wursten
  - ☐ **Transportation Projects**
    Nesamani Kalandiyur
  - ☐ **Industrial/Energy Projects**
    Mike Tollstrup
- ☐ **California Department of Resources, Recycling & Recovery**
  Sue O'Leary
- ☐ **State Water Resources Control Board**
  Regional Programs Unit
  Division of Financial Assistance
- ☐ **State Water Resources Control Board**
  Cindy Forbes – Asst Deputy
  Division of Drinking Water
- ☐ **State Water Resources Control Board**
  Div. Drinking Water #_____
- ☐ **State Water Resources Control Board**
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- ☐ **State Water Resouces Control Board**
  Phil Crader
  Division of Water Rights
- ☐ **Dept. of Toxic Substances Control Reg. #**_____
  CEQA Tracking Center
- ☐ **Department of Pesticide Regulation**
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- ☐ **RWQCB 1**
  Cathleen Hudson
  North Coast Region (1)
- ☐ **RWQCB 2**
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- ☐ **RWQCB 3**
  Central Coast Region (3)
- ■ **RWQCB 4**
  Teresa Rodgers
  Los Angeles Region (4)
- ☐ **RWQCB 5S**
  Central Valley Region (5)
  - ☐ **RWQCB 5F**
    Central Valley Region (5)
    Fresno Branch Office
  - ☐ **RWQCB 5R**
    Central Valley Region (5)
    Redding Branch Office
- ☐ **RWQCB 6**
  Lahontan Region (6)
  - ☐ **RWQCB 6V**
    Lahontan Region (6)
    Victorville Branch Office
- ☐ **RWQCB 7**
  Colorado River Basin Region (7)
- ☐ **RWQCB 8**
  Santa Ana Region (8)
- ☐ **RWQCB 9**
  San Diego Region (9)

- ☐ **Other** _____
  _____
  _____
- ■ Santa Monica Mtns Conservancy

Last Updated 12/01 /17

From: Alana Brazis <alanabrazis@aol.com> Sent: Thursday, February 08, 2018 9:34 AM To: Rachel Kwok

Subject: 20th Street Wellness Project - revamp parking/driving access FIRST

Dear Ms Kwok,

As a member of the Santa Monica Church of over 30 years, I beseech you to consider these points before approval of project:

1. No alley access to structure, you will destroy the flow of safe traffic for children at the school
2. The mortuary chapel offices have no historical or aesthetic value and easily removed. It is that simple. And, their wonderful, homegrown soccer team is undefeated, as we speak!! Don't crush their hopes and dreams to flourish and be safe! !

Best,

Alana Brazis
1511 Franklin St B Santa
Monica, CA 90404

Sent from AOL Mobile Mail

From: cathy kayne <cmkayne@yahoo.com> Sent:

Thursday, February 08, 2018 11:49 AM To:

Rachel Kwok

Subject: 20th St. Wellness Center Project EIRPublic Comments

Dear Ms. Kwok

I became aware of the 20th St. Wellness Center Project plan to build on the corner of 20th St. and Arizona Ave. Not only am I member of the church, but I am also employed in the city of Santa Monica. The school has been a great asset to people that have to work in Santa Monica but do not live there. They are able to have their children in school close by, while they are at work. It has provided an affordable and safe and environment for many school children. All four of my children graduated from the Lighthouse.

Of concern is the idea that they want to build their entrance to underground parking in the alley. This is a very bad idea as it will negatively affect the schools carpool drop off and pick up, and the residents that live there. The alley is already very busy with access to a parking lot used by medical personnel, entrance and exit from Walgreens on the opposite end of the alley and a parking lot for the restaurants on the corner of Wilshire and 19th.

It seems to make much more sense to have the entrance to the underground parking lot either coming from Wilshire or Arizona, leaving the businesses that already utilize the alley free to continue to do so, without the negative impact a driveway entrance in the alley would make.

Thank you for your time and attention to this matter.

Sincerely,

Catherine Kayne, RN

Sent from my iPad

From: Cheryl Tormey <cherylleone@gmail.com>

Sent: Thursday, February 08, 2018 12:50 PM

To: Rachel Kwok

Subject: 20th St. Wellness Center

Dear Ms. Kwok

I became aware of the 20th St. Wellness Center Project plan to build on the corner of 20th St. and Arizona Ave. Not only am I a member of the church but, I am also employed in one of the ministries of the church, The Lighthouse Medical Missions. I work from home, however, I go to the church several times a week. The alley is very busy and you always have to make way for the other cars. The school has been a great asset to people that have to work in Santa Monica but do not live there. They are able to have their children in a school close by, while they are at work. It has provided an affordable and safe and environment for many school children. My son went there from preschool to high school

I am concerned that they want to build their entrance to underground parking in the alley. This is a not a very practical idea as it will negatively affect the school's carpool drop off and pick up, and the residents that live there. The alley is already very busy with access to a parking lot used by medical personnel, entrance, and exit from Walgreens on the opposite end of the alley and a parking lot for the restaurants on the corner of Wilshire and 19th.

It seems that it would be more practical to have the entrance to the underground parking lot coming from Arizona, leaving the businesses that already utilize the alley free to continue to do so, without the negative impact a driveway entrance in the alley would make.

Additionally, the chapel office and chapel as I understand it has no historical value.

Thanking you in advance for your consideration in this matter,

Sincerely,

--

Cheryl Tormey

Lighthouse Medical Missions

(310) 528-7672

Virus-free. www.avg.com

From: Dalphina C Basile <dalphina@me.com>

Sent: Thursday, February 08, 2018 6:40 AM

To: Rachel Kwok

Subject: 20th Street Wellnes Center Project EIR Public Comments

Ms Kwok

Re: 20th Street Wellnes Center Project

Please address and redesign the following features of the 20th Street Wellness Center Project. As a 25 year member of the Santa Monica Church I am concerned about the underground entrance in the very busy alley. There is a considerable amount of public foot traffic and students are dropped off through the alley at the Church School.

Driveway access should be available on Arizona or 20th Street.

Thank you for your consideration to this matter.

Dalphina Basile

From: dawn forman <dawnzy2001@yahoo.com>

Sent: Wednesday, February 07, 2018 4:51 PM

To: Rachel Kwok

Cc: Rob Scribner

Subject: 20th Street Wellness Center Project

To Whom it May Concern,

I am a member of The Lighthouse Church on 20th street and a grandmother of children that attend school there. I am asking that the entrance to the underground parking for the Wellness Center NOT be from the alley. Instead, it should be via a driveway on the adjacent property. Since there is no historical value to the mortuary or chapel now on the property accommodations to make the entrance via the driveway instead of the alley should not be a problem , yet, would save the church and the school from a greater problem than We already have with drop off and pick up for the school coming through the alley. We do our best to be considerate to the neighbors and not block the alley; The Wellness Center having entrance to an underground parking through the alley would aggravate not only the church and school but the entire surrounding area. Thank you for your concern and consideration as far as this project.

Dawn Forman

Dawn.forman@yahoo.com

310 819-6417

Sent from my iPhone

From: Debbie Young <1youngdebbie@gmail.com>

Sent: Wednesday, February 07, 2018 5:42 PM

To: Rachel Kwok

Subject: 20th Street wellness Center Project

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3.The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,

Debra Young

From: Diane Fernandez <diane.fernandez59@icloud.com>

Sent: Thursday, February 08, 2018 11:01 PM

To: Rachel Kwok

Subject: Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am deeply concerned about the following features of the proposed 20th Streetwellness Center Project, which need to be addressed in a redesign:

1. The alley should absolutely not be used to enter the underground parking as this will cause major traffic on a highly commutes alley with both cars and foot traffic and will endanger many children as well as adults with the dramatic increase of traffic. The alley is already used to facilitate the drop off and pick up of our pre existing school. The adjacent mortuary historical architectural significance and should be removed in order to enter the underground parking.

Sincerely,

Steven and Diane Fernandez

From: Dianna Ashcraft <d.ashcraft@iegeng.com>

Sent: Thursday, February 08, 2018 7:44 PM

To: Rachel Kwok

Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.

2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.

3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.

4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,

Dianna Ashcraft

From: Erik Photenhauer <erik.photenhauer@gmail.com>

Sent: Wednesday, February 07, 2018 11:20 PM

To: Rachel Kwok

Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

I am writing to you in regards to serious concerns about the 20th Street Wellness Center Project. I have been a member of the adjacent Lighthouse Church and School for over 23 years, and fear if certain elements of this current project are not redesigned, it will have devastating consequences to both our Church and neighboring community.

1. The entrance to the underground parking structure should NOT be from the alley. Please consider changing it to a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as the primary drop off/pick up access for our school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance. Please consider allowing for it's destruction to make way for underground parking access.

Thank you for your time,

Sincerely,

Erik Photenhauer

From: Alarcon, Esther <esther.alarcon.500@my.csun.edu>

Sent: Wednesday, February 07, 2018 5:58 PM

To: Rachel Kwok

Subject: URGENT !!!

Dear Ms. Kwok,

As an individual who grew up in/at Santa Monica Lighthouse Church and school, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a REDESIGN:

a) Entry from underground parking structure should NOT be from alley, rather from an adjacent driveway to the property.

b) "Wellness Project" will impact negatively on such a highly transited alley. Respect to education should be a priority, note this serves as the elementary's pick-up/drop-off.

c) There is no historical/architectural landmark present at the mortuary. Chapel offices structure should be removed in order to allot for underground parking access through a driveway.

Your reputation of deep concern and active involvement for our renown city's progression and development precedes you, ergo, I know you will do everything in your authority to come to an agreeable term. I also know this petition will reach you in time in order for you to take swift action and assemble an alternative resolution, I thank you in advanced for taking the time to address these serious concerns of students, parents, church members and folks of the community.

This church and school is a living landmark in the community's heart !!!

Most obliged,

Esther Alarcon

Concerned citizen

Confidentiality Notice: The information contained in this message and any attached materials is a confidential and/or privileged communication protected by the Electronics Communications Privacy Act, 18 U.S.C. 2510-2521. If you are not the intended addressee or an authorized agent of such addressee, you are strictly prohibited from photocopying, distributing or otherwise using this message, its contents and/or its attachment(s) in any way. If you received this message in error, please contact the sender listed above by any means and destroy this message and any attachments. Thank you.

From: Hilary Scribner <hilaryjscribner@gmail.com>

Sent: Thursday, February 08, 2018 8:45 PM

To: Rachel Kwok

Subject: Re: 20th Street Wellness Center Project

Dear Ms. Kwok,

As a member of the Santa Monica Foursquare Church (the Lighthouse Church), the following items concern me about the plans for the 20th Street Wellness Center Project. The following need to be changed:

1. I fear that an entrance to the center from the alley would create a miserable situation for apartment tenants and school dropoff/pickup. Please revise the plans to change the entrance to 20th or Arizona side of center

Sincerely,

Hilary Scribner

From: Holly Photenhauer <hollymom4@gmail.com>

Sent: Thursday, February 08, 2018 9:37 AM

To: Rachel Kwok

Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Rachel-

My children go to the Lighthouse Christian School and we have attended the Lighthouse Church for over 20 years. I ask that the entrance to the new 20th Street Wellness center not be from the alley. It is the carpool drop-off for the school and it is a already a very busy alley with residential apartments and Walgreens. I have lived on the westside for over 25 years, and as far as I can see, the mortuary chapel offices do not have any historical architectural significance to the community and I can't see why they can't make room for a driveway to access underground parking.

Thank you for your time-

Best-

Holly Photenhauer

From: Isaias Campos <bouncercampos@yahoo.com>

Sent: Thursday, February 08, 2018 10:13 AM

To: Rachel Kwok

Subject: Wellness Center Project

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street Wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,

Isaias Campos

Sent from my iPhone

From: Joe Peterson <joepeterson@exceleration-pm.com>

Sent: Wednesday, February 07, 2018 2:49 PM

To: Rachel Kwok; Russell Bunim

Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Thanks.

Joe Peterson
exceleration

project management
310-490-7734 cell
310-397-5777 office
310-861-5243 efax

http://www.exceleration-pm.com/

From: Joel Lahood <joellahood@icloud.com>

Sent: Thursday, February 08, 2018 4:43 PM

To: Rachel Kwok

Subject: Light House Church

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerly,

Joel Lahood

From: Josh Young <joshwyoung@gmail.com>

Sent: Thursday, February 08, 2018 4:24 PM

To: Rachel Kwok

Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Foursquare Church located at 1220 20th street and a parent of children that attend their school, I am concerned about some of the subject property's design elements. I believe these design flaws should addressed in a redesign.

The entrance to the underground parking structure is in the alley. This alley is already highly congested, especially during the school dropoff and pickup times. There are many residential buildings on this block with their parking in the back. Many people use this alley to get to the shops (walgreens and mini-mall on wilshire blvd.). The entrance to the underground parking should rather be via a driveway on the existing property on Arizona or accessible from 20th street.

The construction of such a large project will have a negative impact on this already congested alley for reasons mentioned above.

Why not renovate the existing chapel office building to create the access to underground parking off of Arizona? It is not as if that building is of any historical significance.

The chapel building does not hold any historical significance either, so they could dust that as well to make room for underground parking access.

Sincerely,

Josh Young

From: Judy Mershon <judymershon@gmail.com>

Sent: Thursday, February 08, 2018 11:23 AM

To: Rachel Kwok

Subject: Wellness Project

Dear Mrs. Kwok:

I wish to address an issue relating to the Lighthouse Church property wherein, because it is the home for a lot of students during the day and is therefore a busy thoroughfare for transporting them to and from school, the prospect of a wellness center and the school using the same alley doesn't seem wise.

I would like to see the mortuary chapel offices done away with in order to construct a driveway which would in turn access underground parking on the site.

Thanks!

Sincerely,

Judith Mershon

10654 Ayres Ave.

Los Angeles, CA 90064

From: Kari Czer <kariczer@gmail.com>
Sent: Thursday, February 08, 2018 8:22 AM
To: Rachel Kwok
Subject: Wellness Center Project EIR Public comments

Dear Ms. Kwok,

As members of the Lighthouse Church, 1220 20th St., in Santa Monica we are concerned with the following design features of the new wellness center project EIR located south of the church property.

As members of this church since 1985, we are well aware of the burgeoning number of cars, traffic and congestion surrounding 20th St. and the alley behind it. No doubt, this will increase if the following considerations are not resolved:

From: Karina Lahood <karinalahood@rocketmail.com>
Sent: Thursday, February 08, 2018 4:37 PM
To: Rachel Kwok
Subject: Lighthouse Church

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,
Karina Lahood

From: Louis Hyland <loohye@gmail.com>
Sent: Wednesday, February 07, 2018 4:02 PM
To: Rachel Kwok
Subject: 20th St Wellness

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,

Louis Hyland

From: Maritza Alarcon <maritza.alarcon777@gmail.com>
Sent: Thursday, February 08, 2018 3:47 PM
To: Rachel Kwok
Subject: 20th Street Wellness Center Project EIR Public Comments

Ms. Kwok,

Having attended the Santa Monica Lighthouse Church for numerous decades I am deeply concerned regarding the details below of the 20th Street wellness Center Project, which need to be addressed in a REDESIGN :

a) Entry from underground parking structure should NOT be from alley, rather from an adjacent driveway to the property.

b) "Wellness Project" will impact negatively on such a highly transited alley. Respect to education should be a priority, note this serves as the elementary's pick-up/drop-off.

c) There is no historical/architectural landmark present at the mortuary. Chapel offices structure should
be removed in order to allot for underground parking access through a driveway.

Thank you for taking the time to address these unsettling concerns of the community.

The Santa Monica Lighthouse church and school brings wellness to the community and truly transforms lives.

Candidly,

Maritza Alarcon

STATE OF CALIFORNIA
NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone (916) 373-3710

Edmund G. Brown Jr., Governor

January 9, 2018

Rachel Kwok
City of Santa Monica
1685 Main Street, Room 210
P. O. Box 2200
Santa Monica, CA 90407-2200

Sent via e-mail: Rachel.kwok@smgov.net

RE: SCH# 2018011001; Wellness Center Project, City of Santa Monica; Los Angeles County, California

Dear Ms. Kwok:

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

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a **separate category of cultural resources**, "tribal cultural resources" (Pub. Resources Code § 21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment (Pub. Resources Code § 21084.2). Please reference California Natural Resources Agency (2016) "Final Text for tribal cultural resources update to Appendix G: Environmental Checklist Form," http://resources.ca.gov/ceqa/docs/ab52/Clean-final-AB-52-App-G-text-Submitted.pdf. Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code § 21084.3 (a)). **AB 52 applies to any project for which a notice of preparation or a notice of negative declaration or mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. § 800 et seq.) may also apply.

The NAHC recommends **lead agencies consult with all California Native American tribes** that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments. **Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws**.

AB 52

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

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a **lead agency** shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
   a. A brief description of the project.
   b. The lead agency contact information.
   c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code § 21080.3.1 (d)).
   d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code § 21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A **lead agency** shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code § 21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. (Pub. Resources Code § 21080.3.1(b)).
   a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code § 65352.4 (SB 18). (Pub. Resources Code § 21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
   a. Alternatives to the project.
   b. Recommended mitigation measures.
   c. Significant effects. (Pub. Resources Code § 21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
   a. Type of environmental review necessary.
   b. Significance of the tribal cultural resources.
   c. Significance of the project's impacts on tribal cultural resources.
   d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code § 21080.3.2 (a)).

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

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
   a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
   b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code section 21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code § 21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
    a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
    b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code § 21080.3.2 (b)).

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

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

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
        i. Planning and construction to avoid the resources and protect the cultural and natural context.
        ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
        i. Protecting the cultural character and integrity of the resource.
        ii. Protecting the traditional use of the resource.
        iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code § 21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a nonfederally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code § 815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code § 5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An environmental impact report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code sections 21080.3.1 and 21080.3.2 and concluded pursuant to Public Resources Code section 21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code section 21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code § 21082.3 (d)).

    This process should be documented in the Cultural Resources section of your environmental document.

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

SB 18

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

Some of SB 18's provisions include:

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

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

NAHC Recommendations for Cultural Resources Assessments

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

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have been already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

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

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

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

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

Please contact me if you need any additional information at gayle.totton@nahc.ca.gov.

Sincerely,

Gayle Totton, M.A., PhD.
Associate Governmental Program Analyst
(916) 373-3714

cc: State Clearinghouse

From: Pamela Sommer <playwright6@yahoo.com>
Sent: Thursday, February 08, 2018 3:56 PM
To: Rachel Kwok
Subject: Fw: 20th Street Wellness Center Project

--- On Thu, 2/8/18, Pamela Sommer <playwright6@yahoo.com> wrote:

> From: Pamela Sommer <playwright6@yahoo.com>
> Subject: 20th Street Wellness Center Project
> To: "Rachel.Kwok@smcgov.net" <Rachel.Kwok@smcgov.net>
> Date: Thursday, February 8, 2018, 10:58 AM

Dear Ms. Kwok,As a member
> of the Santa Monica Church, I have seen the drawing of the potential
> Wellness Project Center on 20th St., I have some veryserious concerns
> as to the proposed entrance to the underground parking. This alley is
> already extremely busy and with the potential of moreusage, it becomes
> a serious safety hazard. The alley is already used as a drop off by
> parents for our school, so the congestion, the noise,and the potential
> of accidents students and those convalescent workers (who park at the
> lot at the end of the lot). I would ask thatyour committee reconsider
> and create an entrance to your parking on the adjacent property and
> NOT the alley, for the safety of all.
> Thank you.
> Pamela Sommer(310) 308-9101

From: Patricia Neos <pwsneos@gmail.com>
Sent: Thursday, February 08, 2018 10:31 AM
To: Rachel Kwok
Subject: Gates Kingsley property

Dear Ms. Kwok,
I understand that you are proposing building a Wellness Ctr. on this site and you are planning to use the alley for entrance into the building. Please look at access from 20th street or Arizona, since the alley is used to pick up and drop off students and the mortuary has no historical value, it would seem to be a good access point for the underground garage.
Thank you for your consideration.

Sincerely,
Patricia Neos

From: Patricia Peterson <papeterson7@gmail.com>
Sent: Wednesday, February 07, 2018 8:55 PM
To: Rachel Kwok
Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,
I attend the Lighthouse Church and was just made aware of your property development next door on the old mortuary properly
I have concerns about what I heard regarding the design of the proposed 20th Street wellness Center Project.:

1. There is a school at Lighthouse which already uses the alley carpool drop off and carpool I heard the development wants the entrance to the parking structure to be off the ally. This would negatively impact the school traffic flow.
2. In general this Wellness Project will impact an already busy alley as people circle around looking for parking.
3. It was told that the old mortuary chapel was going to be left intact. If its not historically protect, the driveway should be accessed there.

Thank you for your consideration.
Sincerely,
Patricia Peterson

From: Paul Catalano <catalanopj@yahoo.com>
Sent: Thursday, February 08, 2018 12:19 PM
To: Rachel Kwok
Subject: Wellness Center Project - 20th Street Santa Monica

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street Wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property via 20th Street or Arizona
2. This Wellness Project will have an enormous negative effect on an already very busy alley which currently serves as a drop off for the school and parking for local residents.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.

Sincerely,
Paul Catalano

From: peterczer2@gmail.com on behalf of Peter Czer <peterczer@gmail.com>
Sent: Thursday, February 08, 2018 10:05 PM
To: Rachel Kwok
Cc: Rachel Czer
Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

Our two children attend the Lighthouse School at 1220 20th Street. For many years the alley has been used as a vital part of the drop off and pick up for the children. Should the wellness center parking entrance be in the alley, I am afraid it will have a detrimental effect on the school and possibly the safety of the children, which could pose a liability risk to the city. The space occupied by the former mortuary chapel offices and the mortuary chapel could potentially be utilized to help mitigate this dilemma.

Thank you for your consideration.

Peter & Rachel Czer

From: Ralph Bowen <bb_lephare@hotmail.com>
Sent: Wednesday, February 07, 2018 9:55 PM
To: Rachel Kwok
Subject: re: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Foursquare Church, I am not pleased about the new redesign proposed by the 20th Street Wellness Center Project. From looking at the plans on the website the underground parking is going to be in the busy alley. That is hugely problematic as the community, i.e., The Lighthouse School, the hospital staff parking lot just to the north, and not least, all the private garages from rentals, will all be negatively impacted. It is somewhat obvious that the non-historical mortuary building, built in 1933, is nothing more than quaint and certainly not indispensable to the overall project proposed by the wellness group. It makes logical sense to have the parking garage entrance and driveway to be put on the property's own public access and not the already tight quarters of the alley. It would be better to remove the Morturary and have the project help the community, not hinder it.

Please consider making the community happy with wellness and wholeness for the local community by canning this bad idea and making their entrance somewhere else

Sincerely,

Ralph and Brenda Bowen

From: Ralph Bowen <bb_lephare@hotmail.com>
Sent: Thursday, February 08, 2018 9:56 PM
To: Rachel Kwok
Cc: Louis Hyland
Subject: Fw: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

I am a teacher at the Lighthouse Christian School and wanted to express my concerns for the Wellness Center Project's proposed entrance for their parking. We have a lot of congestion in the alley and our parents must pick up their kids and drop them off every school day. From what I can ascertain, the parking garage entrance will make the school's operation very difficulty if not downright dangerous. Please require the planners to utilize another portion of their property to have access to their underground parking. The more feasible entrance would be where the old, but not historical, mortuary now stands. Please consider the future as our school grows with more students and parents that the possibility of an accident with one of the children involved is more likely if the entrance for the parking is right next to the school and church property. It would make sense to put the entrance on 20th or Arizona.

Yours truly,

Brenda Bowen
Educator at Lighthouse Christian School

From: Raymond Kayne <rjkayne3@yahoo.com>
Sent: Thursday, February 08, 2018 12:14 PM
To: Rachel Kwok
Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

I am a member of the Santa Monica Church. I am very concerned about the current design features of the 20th Street Wellness Center. For instance the entrance to the underground parking should not be from an already overburdened alley, traffic wise. Instead it should be a driveway access on the adjacent property. Not only does the school use this alley but residents on 19th street have their garage access there.

Thank You for your consideration on this issue

Respectfully Ray Kayne

From: Rebekah McNamara <rebekahkmcnamara@gmail.com>
Sent: Thursday, February 08, 2018 9:50 AM
To: Rachel Kwok
Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20th Street wellness Center Project, which need to be addressed in a redesign:

1. The alley should not be the entrance to the property. This is an extremely hectic alley and in putting the entrance in the alley will greatly disturb the people in the apartments behind your property.
2. This Wellness Project will greatly anger tenants in the apartment buildings, as well as parents picking up their child from the school next door.
3. The entrance to the Wellness Center should be where the adjacent mortuary chapel currently exists. Why not remove the Chapel?
4. The mortuary does not have any significance to the city and will be an eye sore to the Wellness Project.

Sincerely,

Rebekah McNamara

From: Robert Scribner <rbscribner@gmail.com>
Sent: Wednesday, February 07, 2018 5:50 PM
To: Rachel Kwok
Subject: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

I have been a member of the Santa Monica Church since 1978. I have raised my family here and my children and now grandchildren have attended the school located at 1220 20th Street.

We are aware of the plan to enter into the building through the alley between 20th and 19th Street. The alley is already busy and if it is possible to have the entrance/exit to the building be from Arizona it would be safer and possible avoid accidents.

The other concerns are that whatever will be in operation at the location will not create a hazardous situation for children and adults that have been meeting daily for the past 35 years at this location.

Sincerely,

Robert B. Scribner

EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA

GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT

KEN ALEX
DIRECTOR

Notice of Preparation

January 3, 2018

To: Reviewing Agencies

Re: Wellness Center Project
SCH# 2018011001

Attached for your review and comment is the Notice of Preparation (NOP) for the Wellness Center Project draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Rachel Kwok
City of Santa Monica
1685 Main Street, Room 210
P.O. Box 2200
Santa Monica, CA 90407-2200

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Attachments
cc: Lead Agency

Document Details Report
State Clearinghouse Data Base

SCH# 2018011001
Project Title Wellness Center Project
Lead Agency Santa Monica, City of

Type NOP Notice of Preparation

Description The project would involve the adaptive reuse of approx 7,965 sf of the existing funeral home and chapel building along with the construction of a new addition building for use as a Wellness Center. As part of the project, approx 1,313 sf of the ancillary portion of the existing funeral home/chapel building, composing mainly of the rear alley facing garage section of the building, and both of the vacant residential structures would be demolished. The project would include the construction of a new 3-story, 45 ft tall addition building on-site, comprising approx 59,548 sf. With the adaptive reuse of existing floor area and new construction, the project would be approx 67,513 sf comprising of 53,091 sf of research & development uses, 17,702 sf of clinic/office uses, and 8,239 sf of ancillary meeting/conference room space.

Lead Agency Contact

Name Rachel Kwok
Agency City of Santa Monica
Phone (310) 458-8341 **Fax**
email
Address 1685 Main Street, Room 210
P.O. Box 2200
City Santa Monica **State** CA **Zip** 90407-2200

Project Location

County Los Angeles
City Santa Monica
Region
Cross Streets 20th St and Arizona
Lat / Long 34° 01' 48.4" N / 118° 28' 55.5" W
Parcel No. 4267-013-033, -032
Township **Range** **Section** **Base**

Proximity to:

Highways hwy 1, I-10
Airports Santa Monica Municipal
Railways Metro Lt Rail
Waterways Santa Monica Bay/Pacific Ocean
Schools McKinley ES
Land Use former funeral home/vacant residential use; Z: Healthcare mixed use

Project Issues

Reviewing Agencies

Date Received 01/03/2018 **Start of Review** 01/03/2018 **End of Review** 02/01/2018

Print Form

Appendix C

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH# 2018011001

Project Title: Wellness Center Project

Lead Agency: City of Santa Monica | Contact Person: Rachel Kwok
Mailing Address: 1685 Main Street | Phone: 310-458-8341
City: Santa Monica | Zip: 90401 | County: Los Angeles County

Project Location: County: Los Angeles County | City/Nearest Community: Santa Monica
Cross Streets: 20th Street and Arizona | Zip Code: 90401
Longitude/Latitude (degrees, minutes and seconds): 34 ° 01 ′ 48.4 ″ N / 118 ° 28 ′ 55.5 ″ W | Total Acres: 1.03
Assessor's Parcel No.: 4267-013-033 and 4276-013-032 | Section: | Twp.: | Range: | Base:
Within 2 Miles: State Hwy #: Hwy 1 (PCH), I-10 | Waterways: Santa Monica Bay/Pacific Ocean
Airports: Santa Monica Municipal | Railways: Metro Lt Rail | Schools: McKinley Elementary

Document Type:

Governor's Office of Planning & Research
JAN 03 2013
STATE CLEARINGHOUSE

CEQA: [x] NOP [ ] Draft EIR [ ] Supplement/Subsequent EIR (Prior SCH No.) [ ] Early Cons [ ] Neg Dec [ ] Mit Neg Dec [ ] Other:
NEPA: [ ] NOI [ ] EA [ ] Draft EIS [ ] FONSI
Other: [ ] Joint Document [ ] Final Document [ ] Other:

Local Action Type:

[ ] General Plan Update [ ] General Plan Amendment [ ] General Plan Element [ ] Community Plan
[ ] Specific Plan [ ] Master Plan [ ] Planned Unit Development [x] Site Plan
[ ] Rezone [ ] Prezone [ ] Use Permit [ ] Land Division (Subdivision, etc.)
[ ] Annexation [ ] Redevelopment [ ] Coastal Permit [ ] Other:

Development Type:

[ ] Residential: Units | Acres
[ ] Office: Sq.ft. | Acres | Employees
[x] Commercial: Sq.ft. 67,513 | Acres | Employees
[ ] Industrial: Sq.ft. | Acres | Employees
[ ] Educational:
[ ] Recreational:
[ ] Water Facilities: Type | MGD
[ ] Transportation: Type
[ ] Mining: Mineral
[ ] Power: Type | MW
[ ] Waste Treatment: Type | MGD
[ ] Hazardous Waste: Type
[ ] Other:

Project Issues Discussed in Document:

[x] Aesthetic/Visual
[ ] Agricultural Land
[x] Air Quality
[x] Archeological/Historical
[ ] Biological Resources
[ ] Coastal Zone
[ ] Drainage/Absorption
[ ] Economic/Jobs
[ ] Fiscal
[ ] Flood Plain/Flooding
[ ] Forest Land/Fire Hazard
[x] Geologic/Seismic
[ ] Minerals
[x] Noise
[ ] Population/Housing Balance
[ ] Public Services/Facilities
[ ] Recreation/Parks
[ ] Schools/Universities
[ ] Septic Systems
[x] Sewer Capacity
[ ] Soil Erosion/Compaction/Grading
[ ] Solid Waste
[x] Toxic/Hazardous
[x] Traffic/Circulation
[ ] Vegetation
[ ] Water Quality
[ ] Water Supply/Groundwater
[ ] Wetland/Riparian
[ ] Growth Inducement
[x] Land Use
[x] Cumulative Effects
[x] Other: Greenhouse Gas

Present Land Use/Zoning/General Plan Designation:

Former funeral home/vacant residential use; Zoning - Healthcare Mixed Use

Project Description: *(please use a separate page if necessary)*

The project would involve the adaptive reuse of approximately 7,965 sf of the existing funeral home and chapel building along with the construction of a new addition building for use as a Wellness Center. As part of the project, approximately 1,313 sf of the ancillary portion of the existing funeral home/chapel building, composing mainly of the rear alley facing garage section of the building, and both of the vacant residential structures would be demolished. The project would include the construction of a new 3-story, 45 foot tall addition building on-site, comprising approximately 59,548 sf. With the adaptive reuse of existing floor area and new construction, the project would be approximately 67,513 sff comprising of 53,091 sf of research &

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".
If you have already sent your document to the agency please denote that with an "S".

X	Air Resources Board	X	Office of Historic Preservation
	Boating & Waterways, Department of		Office of Public School Construction
	California Emergency Management Agency	X	Parks & Recreation, Department of
	California Highway Patrol		Pesticide Regulation, Department of
X	Caltrans District #7		Public Utilities Commission
	Caltrans Division of Aeronautics	X	Regional WQCB #4
	Caltrans Planning		Resources Agency
	Central Valley Flood Protection Board		Resources Recycling and Recovery, Department of
	Coachella Valley Mtns. Conservancy		S.F. Bay Conservation & Development Comm.
	Coastal Commission		San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
	Colorado River Board		San Joaquin River Conservancy
X	Conservation, Department of	X	Santa Monica Mtns. Conservancy
	Corrections, Department of		State Lands Commission
	Delta Protection Commission		SWRCB: Clean Water Grants
	Education, Department of		SWRCB: Water Quality
	Energy Commission		SWRCB: Water Rights
X	Fish & Game Region #5		Tahoe Regional Planning Agency
	Food & Agriculture, Department of	X	Toxic Substances Control, Department of
	Forestry and Fire Protection, Department of		Water Resources, Department of
	General Services, Department of		
	Health Services, Department of		Other:
	Housing & Community Development		Other:
X	Native American Heritage Commission		

Local Public Review Period (to be filled in by lead agency)

Starting Date January 3, 2018 Ending Date February 3, 2018

Lead Agency (Complete if applicable):

Consulting Firm: Dudek
Address: 38 N. Marengo Avenue
City/State/Zip: Pasadena, CA 91101
Contact: Ruta Thomas
Phone: 626 204 9822

Applicant: City of Santa Monica
Address: 1685 Main Street
City/State/Zip: Santa Monica, CA 90405
Phone: 310 458 8341

Signature of Lead Agency Representative: _____ **Date:** 1/2/18

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

stribution List

County: Los Angeles

SCH# 2018011001

Agency

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Wildlife Region 1E
Harnsberger

Wildlife Region 2
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Wildlife Region 3
Veightman

- ☐ **Fish & Wildlife Region 4**
  Julie Vance
- ■ **Fish & Wildlife Region 5**
  Leslie Newton-Reed
  Habitat Conservation Program
- ☐ **Fish & Wildlife Region 6**
  Tiffany Ellis
  Habitat Conservation Program
- ☐ **Fish & Wildlife Region 6 I/M**
  Heidi Calvert
  Inyo/Mono, Habitat Conservation Program
- ☐ **Dept. of Fish & Wildlife M**
  William Paznokas
  Marine Region

Other Departments

- ☐ **California Department of Education**
  Lesley Taylor
- ☐ **OES (Office of Emergency Services)**
  Monique Wilber
- ☐ **Food & Agriculture**
  Sandra Schubert
  Dept. of Food and Agriculture
- ☐ **Dept. of General Services**
  Cathy Buck
  Environmental Services Section
- ☐ **Housing & Comm. Dev.**
  CEQA Coordinator
  Housing Policy Division

Independent Commissions,Boards

- ☐ **Delta Protection Commission**
  Erik Vink
- ☐ **Delta Stewardship Council**
  Anthony Navasero
- ☐ **California Energy Commission**
  Eric Knight
- ■ **Native American Heritage Comm.**
  Debbie Treadway
- ■ **Public Utilities Commission**
  Supervisor
- ☐ **Santa Monica Bay Restoration**
  Guangyu Wang
- ☐ **State Lands Commission**
  Jennifer Deleong
- ☐ **Tahoe Regional Planning Agency (TRPA)**
  Cherry Jacques

Cal State Transportation Agency CalSTA

- ■ **Caltrans - Division of Aeronautics**
  Philip Crimmins
- ☐ **Caltrans – Planning HQ LD-IGR**
  Christian Bushong
- ■ **California Highway Patrol**
  Suzann Ikeuchi
  Office of Special Projects

Dept. of Transportation

- ☐ **Caltrans, District 1**
  Rex Jackman
- ☐ **Caltrans, District 2**
  Marcelino Gonzalez
- ☐ **Caltrans, District 3**
  Eric Federicks – South
  Susan Zanchi - North
- ☐ **Caltrans, District 4**
  Patricia Maurice
- ☐ **Caltrans, District 5**
  Larry Newland
- ☐ **Caltrans, District 6**
  Michael Navarro
- ■ **Caltrans, District 7**
  Dianna Watson
- ☐ **Caltrans, District 8**
  Mark Roberts
- ☐ **Caltrans, District 9**
  Gayle Rosander
- ☐ **Caltrans, District 10**
  Tom Dumas
- ☐ **Caltrans, District 11**
  Jacob Armstrong
- ☐ **Caltrans, District 12**
  Maureen El Harake

Cal EPA

Air Resources Board

- ☐ **Airport & Freight**
  Jack Wursten
  - ☐ **Transportation Projects**
    Nesamani Kalandiyur
  - ☐ **Industrial/Energy Projects**
    Mike Tollstrup
- ☐ **California Department of Resources, Recycling & Recovery**
  Sue O'Leary
- ☐ **State Water Resources Control Board**
  Regional Programs Unit
  Division of Financial Assistance
- ☐ **State Water Resources Control Board**
  Cindy Forbes – Asst Deputy
  Division of Drinking Water
- ☐ **State Water Resources Control Board**
  Div. Drinking Water #_____
- ☐ **State Water Resources Control Board**
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- ☐ **State Water Resouces Control Board**
  Phil Crader
  Division of Water Rights
- ☐ **Dept. of Toxic Substances Control Reg. #**_____
  CEQA Tracking Center
- ☐ **Department of Pesticide Regulation**
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- ☐ **RWQCB 1**
  Cathleen Hudson
  North Coast Region (1)
- ☐ **RWQCB 2**
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- ☐ **RWQCB 3**
  Central Coast Region (3)
- ■ **RWQCB 4**
  Teresa Rodgers
  Los Angeles Region (4)
- ☐ **RWQCB 5S**
  Central Valley Region (5)
  - ☐ **RWQCB 5F**
    Central Valley Region (5)
    Fresno Branch Office
  - ☐ **RWQCB 5R**
    Central Valley Region (5)
    Redding Branch Office
- ☐ **RWQCB 6**
  Lahontan Region (6)
  - ☐ **RWQCB 6V**
    Lahontan Region (6)
    Victorville Branch Office
- ☐ **RWQCB 7**
  Colorado River Basin Region (7)
- ☐ **RWQCB 8**
  Santa Ana Region (8)
- ☐ **RWQCB 9**
  San Diego Region (9)

- ☐ **Other** _____
  _____
  _____
- ■ Santa Monica Mtns Conservancy

Last Updated 12/01 /17

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am very concerned about the following features of the 20th Street Wellness Center Project, which need to be addressed:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be from a driveway on the adjacent property.

2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school, my daughter and grandchildren attend the school and get picked up via this alley.

3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.

4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely,

Al & Sharon Montez

Lighthouse Church members

From: Antonino marino <marino1@me.com>
Sent: Thursday, February 08, 2018 7:13 AM
To: Rachel Kwok
Subject: NO on wellness center thank you

Dear Ms. Kwok,

As a member of the Santa Monica Church, I am concerned about the following features of the 20thStreet wellness Center Project, which need to be addressed in a redesign:

1. The entrance to the underground parking structure should NOT be from the alley. Instead, it should be via a driveway on the adjacent property.
2. This Wellness Project will have an enormous negative effect on an already very busy alley which serves as a drop off for the school.
3. The adjacent mortuary chapel offices certainly do not have any historical architectural significance and should be removed to make room for a driveway to access the underground parking.
4. The adjacent mortuary chapel doesn't have any historical architectural significance.

Sincerely, Tony marino

Sent from my iPhone

From: Zachary Scribner <zscribner2011@gmail.com>
Sent: Thursday, February 08, 2018 8:36 PM
To: Rachel Kwok
Subject: Re: 20th Street Wellness Center Project EIR Public Comments

Dear Ms. Kwok,

As a member of the Santa Monica Foursquare Church (the Lighthouse Church), the following items concern me about the plans for the 20th Street Wellness Center Project. The following need to be changed:

1. The alley is already busy with apartments and school dropoff, I fear that if the entrance to the center is from the alley, it will only agitate an already congested alley. Please redesign the center to have its entrance on the 20th or Arizona side.

2. I cannot see how the mortuary building would have any historical significance, so the parking could be there.

Sincerely,

Zachary Scribner

CITY OF SANTA MONICA
INITIAL STUDY
AND NEIGHBORHOOD IMPACT STATEMENT

1. Project title:

Wellness Center Project

2. Lead agency name and address:

City of Santa Monica
1685 Main Street
Santa Monica, CA 90407

3. Contact person and phone number:

Rachel Kwok, Environmental Planner
(310) 458-8341

4. Project location:

The approximately 45,009 square-foot (1.03 acre) project site is addressed as 1925 Arizona Avenue, 1234 20th Street, and 1242 20th Street, in the Health Care Mixed Use District of the City. The project site is comprised of two parcels, Assessor Parcel Numbers (APN) 4276-013-033 and 4276-013-032. The site is bordered by 20th Street on the northeast, Arizona Ave to the southeast, 19th Court alley to the southwest, and a daycare to the northwest. The project site consists of an approximately 45,009 square foot (sf) lot that is currently improved with a two-story funeral home facility, a one-story chapel structure, two two-story residential structures, and a surface parking lot.

5. Project applicant/sponsor's name and address:

Lina Lee, Associate Vice President
CIM Group
4700 Wilshire Boulevard
Los Angeles, California 90010

6. General plan designation:

Health Care Mixed Use

As stated in the LUCE, the Healthcare Mixed-Use designation addresses the changing healthcare needs of the community and supports the continued viability of the two hospitals in the City: 1) Santa Monica-UCLA Medical Center; and 2) Providence Saint John's Health Center (PSJHC). The LUCE envisions new medical and ancillary facilities, open spaces, and additional community benefits to emerge over time within the Healthcare District. The Healthcare Mixed-Use designation allows for a variety of uses that support the City's two hospitals, and ensures continued improvement and ongoing expansion, while being sensitive to the surrounding residential neighborhoods in ways that meet the healthcare needs of the City and the sub-region.

7. Zoning:

Healthcare Mixed-Use (HMU)

The Zoning Ordinance designates the HMU District as an employment district (Zoning Ordinance Section 9.13). Permitted uses in the Healthcare District include hospitals and clinics (Zoning Ordinance Section 9.13.020). The Zoning Ordinance includes two tiers of development in the Healthcare District. Development standards in the Healthcare District allow for a Tier 1 FAR of 1.5 and height of 45 feet, and a Tier 2 FAR of 2.5 and height of 70 feet (Zoning Ordinance Section 9.13.030).

8. Description of project (attach additional pages as necessary):

The proposed project would involve the demolition of approximately 1,889 sf of the existing building formerly used as a funeral home/chapel, composed mainly of the rear alley-facing garage section of the building, and both of the former residential structures. Approximately 7,366 sf of the existing funeral home and chapel building would be adaptively reused and rehabilitated in accordance with the Secretary of Interior Standards for the Treatment of Historic Properties. It is anticipated that the former funeral home's interior will be remodeled.

The proposed project would include the construction of a new building addition (generally occupying the existing surface parking lot area), comprising approximately 60,147 sf of new above grade floor area. With the new construction and adaptive reuse of existing floor area, the Wellness Center would total approximately 67,513 sf. When counting total usable area, the proposed project would include 52,403 sf of Research & Development (R&D) uses (of which 11,068 sf are below grade), 18,812 sf of Clinic/Medical Office uses, and 7,366 sf of ancillary meeting space.

The Wellness Center is envisioned to accommodate a range of traditional to cutting edge medical research activities, providing spaces for laboratory modules, specialized equipment, medical archives, and both private and collaborative office spaces for staff. Medical clinic and office functions such as outpatient care are also anticipated, and would require flexible spaces for patient treatment and administration. To accommodate educational and community-oriented programming on topics of healthcare and wellness, there will also be flexible meeting and gathering spaces throughout. The aggregate vision is to build a versatile medical facility of the future, to adapt to tomorrow's healthcare and wellness needs.

The proposed new building would be three stories and up to 45 feet tall, not including parapets and roof appurtenances.

9. Surrounding land uses and setting:

- North: The Lighthouse Church and School is located immediately to the north of the project site along 20th Street, and provides faith-based education for grades Kindergarten through 8 (K-8). Adjacent further to the north of the Lighthouse Church and School is the retailer Walgreen's, located at the southwest corner of 20th Street and Wilshire Boulevard. Additional commercial uses are located along Wilshire Boulevard. The City has designated land uses along Wilshire Boulevard as Mixed-Use Boulevard, which is served by a range of commercial services and neighborhood shopping nodes.

- East: A mix of multi-family residential uses and commercial uses are located east of 20th Street. Immediately across 20th Street (at the northeast corner of 20th Street and Arizona Avenue) is the four-story Ambrose Hotel. Two- to four-story multi-family residential developments are to the north of this hotel. A commercial building with a mix of restaurant, florist, and neighborhood pharmacy is located at the southeast corner of 20th Street and Wilshire Boulevard.

- South: Existing development located south of the project site along 20th Street generally consists of two- to three-story residential buildings and medical/healthcare related buildings. Directly south across the project site is an existing two-story multi-family residential building is located immediately across Arizona Avenue at the southwest corner of 20th Street and Arizona Avenue. Further south along the west side of 20th Street are multi-family residential buildings and healthcare and medical related medical buildings. Medical office buildings as well as the PSJHC campus are located southeast of the project site, across Arizona Avenue. The PSJHC campus is expansive and extends from 20th Street to 23rd Street to the east and from Arizona Avenue to Santa Monica Boulevard to the south. The campus consists of multi-story medical buildings, a four-story parking structure, several surface level parking lots, and limited commercial uses along 20th Street. To the southeast of the project site (diagonally across 20th Street) is a 5-story medical office building. Further south along the east side of 20th Street are the PSJHC Child and Family Development Center, a parking structure, and a 12-story medical office building.

- West: Single family and multi-family residential uses are located adjacent to the project site across 19th Court alley. Further west across 19th Street is a church and Fire Station No. 3.

10. Project approvals required (e.g., development review permits, conditional use permits, or development agreements.)

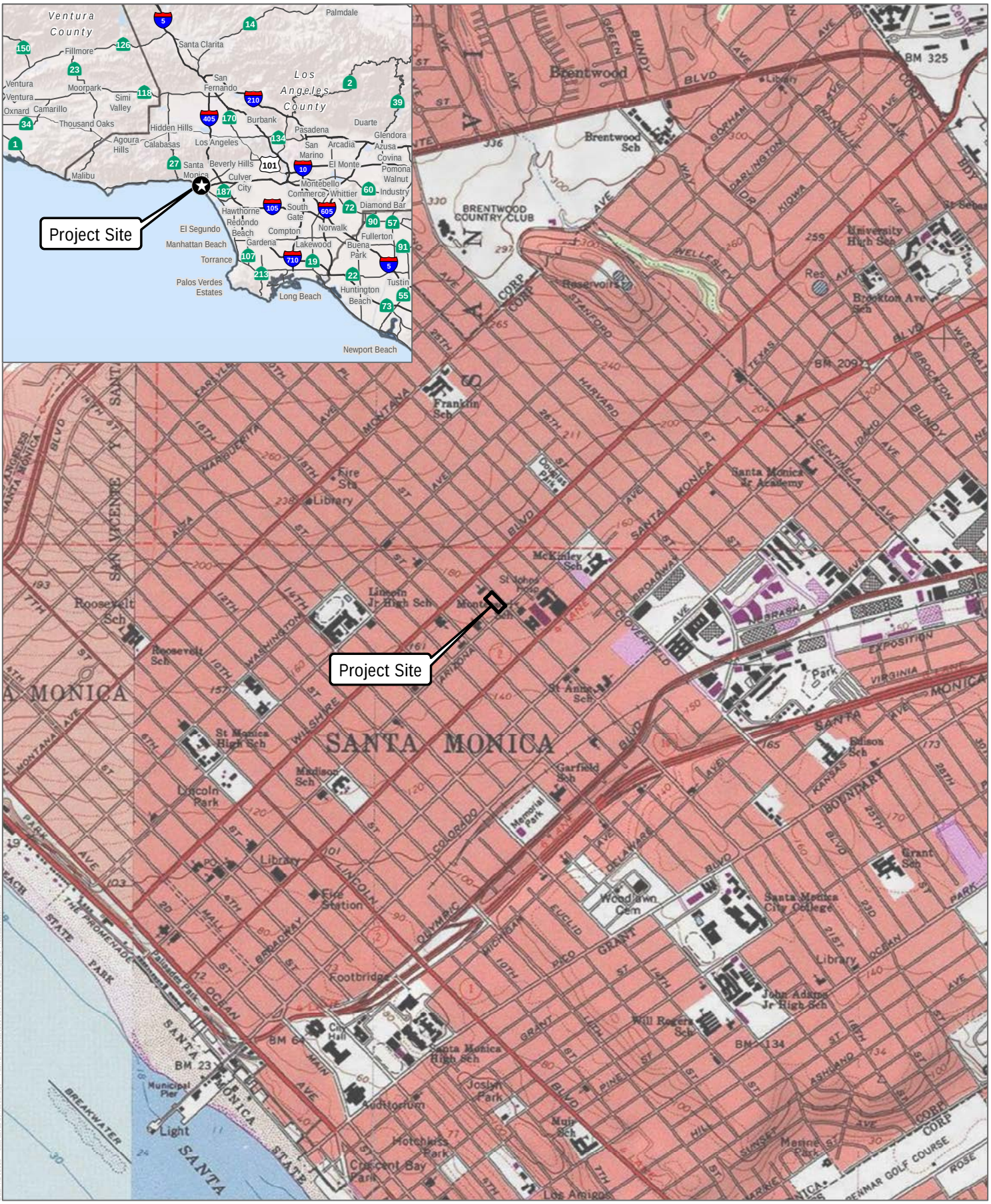
- Certification of the Final EIR (Planning Commission)

- Approval of a Statement of Overriding Considerations, if necessary (Planning Commission)

- Approval of Development Review Permit (Planning Commission)

- Approval of Building Design, Materials, and Colors (Architectural Review Board)

- Any other incidental discretionary or administrative approvals needed for the construction and operation of the proposed project.



SOURCE: USGS 7.5-Minute Series Beverly Hills Quadrangle
Township 2S; Range 15W; Section 5

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

Wellness Center Project Initial Study

SOURCE: Bing Maps (Accessed 2017); County of Los Angeles GIS

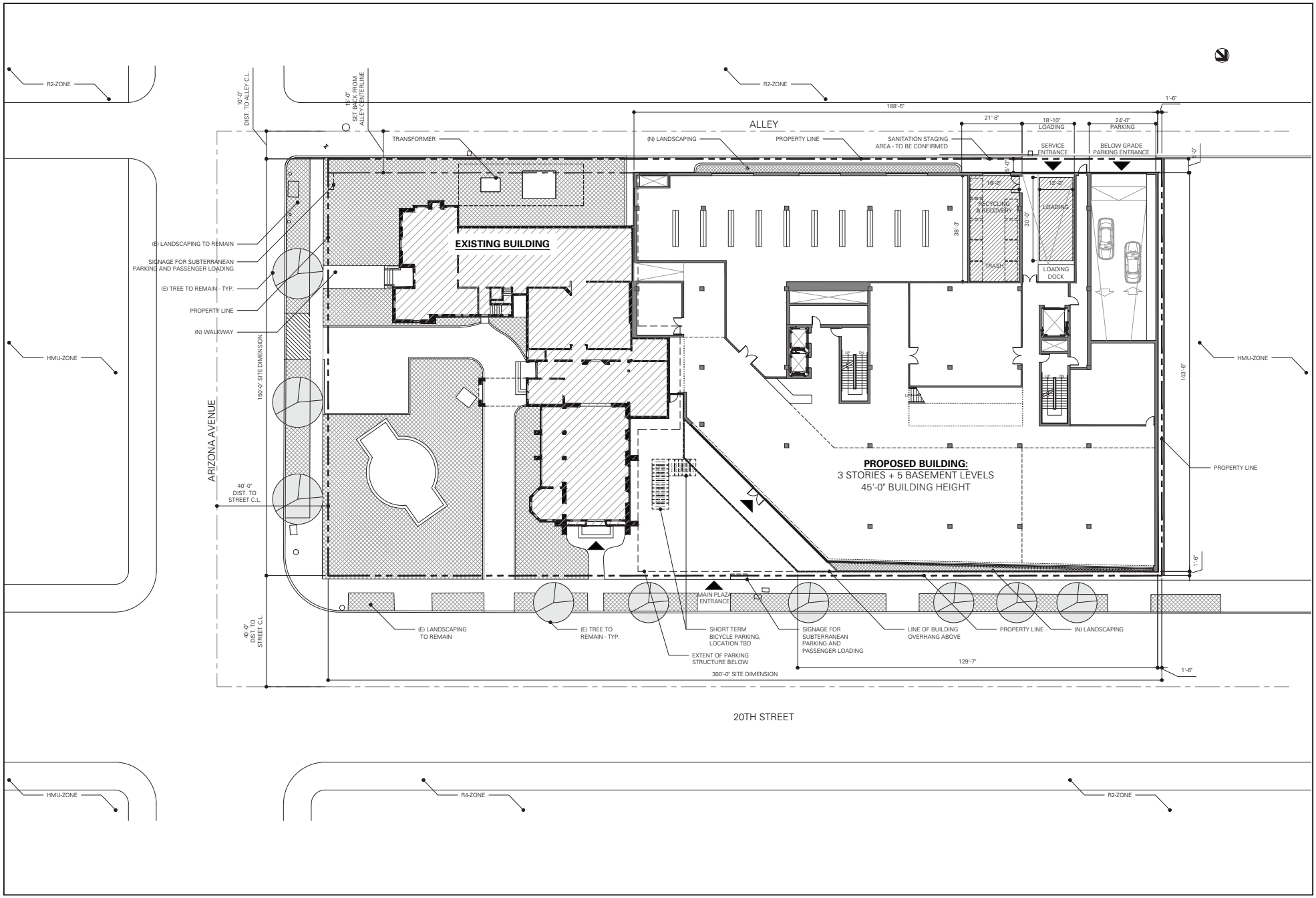
DUDEK

0 150 300 Feet

FIGURE 2

Project Site

Wellness Center Project Initial Study



SOURCE: NMDA Architects, Inc. (2017)

DUDEK

FIGURE 3

Site Plan

Wellness Center Project Initial Study

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☒	Aesthetics/Shadows	☐	Agriculture and Forestry Resources	☒	Air Quality
☐	Biological Resources	☒	Construction Effects	☒	Cultural Resources
☒	Greenhouse Gas Emissions	☒	Geology/Soils	☒	Hazards & Hazardous Materials
☐	Hydrology/Water Quality	☒	Land Use/Planning	☐	Mineral Resources
☐	Neighborhood Effects	☒	Noise	☐	Population/Housing
☐	Public Services	☐	Recreation	☒	Transportation/Traffic
☒	Tribal Cultural Resources	☒	Utilities/Service Systems	☒	Energy Consumption
☐	Wildfire	☒	Mandatory Findings of Significance		

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☒ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Rachel Kwok
Environmental Planner

Date

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS/SHADOWS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☒	☐	☐	☐
d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	☒	☐	☐	☐
e) Produce extensive shadows affecting adjacent uses or property?	☒	☐	☐	☐

a) **No Impact**. The City of Santa Monica is largely urbanized and features a variety of unique natural and man-made visual resources. The urbanized nature of the project site and the immediate surrounding area limit opportunities for views to scenic resources that have been identified as such by the City. For example, coastal scenic resources such as the Santa Monica Bay, Pacific Ocean, Palisades Bluffs, and Palisades Park are not located near the project site and are not generally visible from the project site and the immediate surrounding area. Lastly, implementation of the project would not substantially obstruct or interrupt existing views to the Santa Monica Mountains identified by the City. Therefore, no impacts to scenic vistas would occur and further analysis of this issue in an EIR is not required.

b) **No Impact**. The project site is located approximately 1.2 miles from SR-1, an eligible state scenic highway. Due to intervening development within urbanized Santa Monica and its distance from SR-1, the project site is not visible from the eligible state scenic highway segment of SR-1. The closest scenic corridors identified by the LCP Land Use Plan are the western extent of the I-10, Pacific Coast Highway/Palisades Beach Road, and Ocean Avenue, all of which are located more than 1.4 miles to the west. The project site is not located within any of these scenic highways or corridors and is not visible from these facilities. No impacts to state scenic highways would occur and further analysis of this issue in an EIR is not required.

c,d) **Potentially Significant Impact.** The proposed project would demolish approximately 1,290 square feet (sf)of an existing building formerly used as a funeral home/chapel, adaptively reuse approximately 7,965 sf of the funeral home/chapel, and construct a new building comprising approximately 59,548 sf of new floor area. Demolition and construction resulting from the proposed project could permanently change the existing visual character of the project site and the surrounding environment. Furthermore, the proposed project would introduce additional sources of lighting on the site as a result of the new construction. Therefore, the project would have a potential significant effect on visual character and light/glare. Further analysis of this issue in an EIR is recommended.

e) **Potentially Significant Impact.** The proposed project involves construction of a new building that would be three stories and up to 45 feet tall. Shadow sensitive uses are located to the immediate west and the south and east across Arizona Avenue and 20th Street. Therefore, the proposed project would have a potential significant effect related to shadows. Further analysis of this issue in an EIR is recommended.

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

a-e) **No Impact.** The project site is located in an urbanized area. According to the California Department of Conservation's California Important Farmland Finder, most of Los Angeles County is not mapped under the Farmland Mapping and Monitoring Program, and, thus, does not contain Prime Farmland, Unique Farmland, or Farmland of State Importance (collectively "Important Farmland") (DOC 2017). In addition, the Los Angeles County Williamson Act 2015/2016 Map designates the project site and surrounding land as non-Williamson Act Land (DOC 2016). Further, the project site is zoned HMU and would not conflict with existing zoning for timberland or timberland zoned Timberland Production. Implementation of the proposed project

would not directly or indirectly result in the conversion of farmland or forest lands. No impacts to agricultural or forest resources would occur and further analysis of this issue in an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	☒	☐	☐	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
d) Result in other emissions (such as those leading to odors) affecting a substantial number of people?	☒	☐	☐	☐

a) **Potentially Significant Impact.** The City of Santa Monica is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The Air Quality Management Plan (AQMP), prepared by SCAQMD, incorporates planning projections to devise a plan to meet state and federal air quality standards (SCAQMD 2017).

The proposed project would result in the demolition of the existing attached garage to the funeral home and the two multi-family residential buildings on the site, adaptive reuse of the existing Tudor Revival style building, and construction of a new three-story building. The proposed project would generate air pollutants during short-term construction and long-term operation. The project would include demolition and construction activities that would generate air pollutants that could result in significant, temporary, and short-term impacts to air quality. An increase in construction vehicles, worker vehicle trips, and other emissions associated with the site could potentially conflict with SCAQMD's AQMP. Therefore, this issue will be analyzed further in an EIR.

b) **Potentially Significant Impact.** The proposed project could result in a cumulatively considerable net increase of criteria pollutants in a nonattainment air basin. The proposed project could violate an air quality standard or contribute substantially to an air quality violation as a result of short-term construction and long-term operational pollutant emissions. Construction of the proposed project would temporarily emit pollutants to the local airshed from dust and combustion from on-site equipment, construction worker vehicles, delivery trucks, and off-site haul trucks. Nitrogen oxides (NO_x), carbon monoxide (CO), particulate matter with an aerodynamic diameter equal to or less than 10 micros (PM_{10}), particulate matter with an aerodynamic diameter equal to or less than 2.5 microns ($PM_{2.5}$), and sulfur dioxide (SO_2) emissions would primarily result from the use of construction equipment and motor vehicles.

Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, prevailing weather conditions. Further, operational emissions from mobile, energy, and area sources could contribute to an existing or projected air quality violation. Therefore, this issue will be analyzed further in an EIR.

c) **Potentially Significant Impact.** The proposed project could expose sensitive receptors to substantial pollutant concentrations. Further analysis is required regarding the amount of criteria air pollutant emissions that would result from the proposed project, and whether it would be substantial. Therefore, this issue will be analyzed further in an EIR.

d) **Potentially Significant Impact.** Construction activities and operation of the proposed uses at the project site could release odors. During construction of the proposed project, odors may result from equipment exhaust and application of asphalt. While in operation, odors associated with waste and chemicals used during cleaning that may be released from the project site. Therefore, this issue will be analyzed further in an EIR.

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

a-d) **No Impact.** The City of Santa Monica is largely urbanized. In general, suitable habitat for sensitive species, or special-status species, does not occur within the City. The project site is fully developed and does not extend into undisturbed areas. Therefore, potential impacts to the habitat and range of known sensitive species in the area are not anticipated. The principal

vegetation within the City consists of landscaping and cultivated species (ornamentals) with some invasive, weedy, and non-native species. Sensitive or special-status plant species do not occur on the project site. In addition, the City's LUCE EIR identifies a limited number of threatened or endangered species that are likely to occur in the City (City of Santa Monica 2010). However, these species are primarily found in marine environments, coastal habitats, and canyon areas. As such, there is no suitable habitat on the project site for these sensitive species, and there would no impact to sensitive wildlife as a result of the proposed project. The project site is not located in riparian habitat or a sensitive natural community (City of Santa Monica 2010). Additionally, the project site does not support any aquatic resources regulated by the U.S. Army Corps of Engineers or California Department of Fish and Wildlife as jurisdictional wetlands, waters of the United States, or waters of the state. Based on review of the U.S. Geological Survey 7.5-minute series Beverly Hills Quadrangle Topographic Map, the City does not contain any blueline streams or wetland habitats (USGS 2012). Further, no migratory wildlife corridors or native wildlife nursery sites occur on the project site. No impacts to biological resources would occur and further analysis of this issue in an EIR is not required.

e) **Less Than Significant Impact.** Implementation of the proposed project would be subject to all applicable federal, state, regional, and local policies and regulations related to the protection of biological resources. Specifically, the proposed project would be required to comply with the federal Endangered Species Act, federal Migratory Bird Treaty Act, California Endangered Species Act, California Fish and Game Code, and the City of Santa Monica Municipal Code (SMMC), Chapter 7.40 Tree Code. There are on-site trees and off-site street trees on the City sidewalk along the boundaries of the project site. The off-site public street trees are part of the City's Urban Forest and not native originating (natural to the location). There are approximately nine existing City street trees, including six on 20th Street and three on Arizona Avenue. In coordination with the City's Urban Forestry manual, all of the street trees would be evaluated to either remain or be substituted during project implementation. Pursuant to the Santa Monica Municipal Code (SMMC) Chapter 7.40, Tree Code, no street trees shall be removed without having first obtained a City permit authorizing such work. Compliance with federal, state, and local policies or regulations would result in less than significant impacts to local policies or ordinances protecting biological resources.

f) **No Impact.** The project site is located in the urbanized City of Santa Monica. There are no habitat conservation plans, natural community conservation plans, or other approved local, regional, or state habitat conservation plans that apply to the City. Consequently, the project would not conflict with the provisions of an adopted habitat conservation plan or natural community conservation plan. No impacts associated with habitat conservation plans would occur and further analysis of this issue in an EIR is not required

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CONSTRUCTION EFFECTS. Would the project:				
a) Have considerable construction-period impacts due to the scope, or location of construction activities?	☒	☐	☐	☐

a) **Potentially Significant Impact.** The proposed project would result in the demolition of the existing attached garage to the funeral home and the two multi-family residential buildings on the site, adaptive reuse of the existing Tudor Revival style building, and construction of a new three-story building. Construction activities could have construction-phase impacts, such as those associated with air, noise, traffic, and hazards/hazardous materials. The demolition of old buildings, grading/excavation activities, and construction of new buildings would have associated construction impacts. Air quality impacts could result from construction trucks and earthwork activities. Noise and traffic impacts may be created by the operation of construction trucks and equipment. Vibration and noise impacts are possible through much of the construction phase. Impacts during the construction phase are considered potentially significant and will be further analyzed in an EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☒	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☒	☐	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☒	☐	☐	☐

a) **Potentially Significant Impact**. The proposed project involves adaptive reuse and partial demolition of a former funeral home and chapel building, which was constructed in 1933. As such, the project involves removal of/demolition of a potentially significant historical resource. A historical resources analysis is required to determine potentially impacts to historical resources as defined in CEQA Guidelines, Section 15064.5. Further analysis in an EIR is required.

b) **Potentially Significant Impact**. Section 15064.5 of the State CEQA Guidelines defines significant archaeological resources as resources which meet the criteria for historical resources, or resources which constitute unique archaeological resources. The greater Los Angeles region is known to be rich in subsurface archaeological resources in certain settings, and the archaeological record indicates a high level of habitation/seasonal habitation and resource use by Native Americans. However, this archaeological record is scattered and sparse due to the intensive development of the greater Los Angeles region during the years before modern archaeological studies and the application of environmental protection for cultural resource (City of Santa Monica 2010). For this reason, there is the possibility that important prehistoric age resources could be found in the subsurface. Construction activities, including excavation, for the proposed project have the potential to unearth undocumented archaeological resources. Therefore, impacts would be potentially significant and will be further analyzed in an EIR.

c) **Potentially Significant Impact**. Paleontological resources include fossil remains or traces of past life forms, including both vertebrate and invertebrate species, as well as plants. Paleontological resources are generally found within sedimentary rock formations. The City of Santa Monica rests on surface deposits of older Quaternary Alluvium derived primarily from the Santa Monica Mountains to the north. These deposits usually do not contain significant vertebrate fossils in the uppermost layers, but they are underlain by older Quaternary deposits that do contain significant vertebrate fossils at varying depths beginning as shallow as 6 feet beneath the ground surface Vertebrate fossil remains have been recovered within older Quaternary sediments within the City of Santa Monica and its surrounding areas. These finds include a fossil specimen of an extinct lion along Michigan Avenue between Olympic Boulevard and Interstate 10 (Santa Monica Freeway); fossil specimens of horse, kangaroo rat, meadow vole, and pocket gopher south of Wilshire Boulevard between Thayer and Westholme Avenues; and fossil specimens of pond turtle, dog, and horse south of Olympic Boulevard between

Avenue of the Stars and Century Park East (City of Santa Monica 2010). Therefore, impacts would be potentially significant and will be further analyzed in an EIR,

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

a (i-iii) **Potentially Significant Impact.** The City of Santa Monica is located in a seismically active area. The California Geological Survey (CGS) designates Alquist-Priolo Earthquake Fault Zones, which are regulatory zones around active faults. These zones, which extend from 200 to 500 feet

on each side of known active faults, identify areas where potential surface ruptures along active faults could prove hazardous and identify where special studies are required to characterize hazards to habitable structures. There are no Alquist-Priolo Earthquake Fault Zones within the City (City of Santa Monica 1995). Major faults in proximity of the City of Santa Monica include the Santa Monica-Hollywood-Malibu Coast Fault Zone, the Newport-Inglewood Fault Zone, and the Palos Verdes Hills Fault. The City of Santa Monica treats the Santa Monica Fault as an active fault, and as such, has designated Fault Hazard Management Zones, which extend 380 to 500 feet north of the north branch and 100 to 600 feet south of the south branch of the Santa Monica Fault. The nearest Alquist-Priolo Earthquake fault zone is associated with the Santa Monica Fault and is located approximately 100 feet northwest of the project. Although potential for fault rupture and seismic-related ground failure due to seismic activity is low, due to the project's location in seismically active Southern California, this issue will be further analyzed in an EIR.

a (iv) **Less Than Significant Impact.** The geologic character of an area determines its potential for landslides. Steep slopes, the extent of erosion, and the rock composition of a hillside all contribute to the potential for slope failure and landslide events. In order to fail, unstable slopes need to be disturbed; common triggering mechanisms of slope failure include undercutting slopes by erosion or grading, saturation of marginally stable slopes by rainfall or irrigation, and shaking of marginally stable slopes during earthquakes.

The likelihood of a landslide is low due to the relatively flat topography at the site. Additionally, there are no significant hillsides or unstable slopes within the vicinity of the project site. According to the Seismic Hazards Zone Map for the Beverly Hills Quadrangle, the project site is not identified as susceptible to landslides (CGS 2018). Similarly, the site is not located within a City-designated High Landslide Potential Area (City of Santa Monica 1995). Due to these site conditions, the proposed project would not expose people or structures to adverse risks associated with landslides. Therefore, impacts would be less than significant and further analysis of this issue in an EIR is not required.

b) **Less Than Significant Impact.** Temporary erosion could occur during grading and excavation of the project. However, since the proposed project is greater than 1 acre, the construction contractor is required to prepare and comply with a Storm Water Pollution Prevention Plan, which would provide erosion-control measures. Additionally, Section 7010.060 of the SMMC requires construction-phase erosion-control measures to reduce erosion-related impacts (City of Santa Monica 2018). Therefore, the proposed project would not result in substantial soil erosion or loss of topsoil. Further analysis of this issue in an EIR is not required.

c, d) **Potentially Significant Impact.** The proposed project would include a three-story, 45-foot tall building with five levels of underground parking. Vertical excavations up to 64 feet in height may be required for excavation and construction of the proposed subterranean levels and foundations. It is unknown if underlying soils have the potential for lateral spreading or subsidence. In addition, excavation of soils to construct the buildings could have significant impacts related to the potential for collapse of shored soils if proper precautions or designs are not included in the project plans. Impacts are potentially significant and will be analyzed further in an EIR

e) **No Impact.** Sewer services are available for the disposal of wastewater at the project site and the project development does not propose the use of septic tanks or alternative waste water disposal systems. Therefore, there is no potential for adverse effects due to soil incompatibility. No impacts would occur and further analysis of this issue in an EIR is not required.

f) **Potentially Significant Impact**. A significant impact would occur if previously interred human remains were disturbed during excavation of the project site. The project site is not part of a formal cemetery and, therefore, it is unlikely that human remains exist on or in the vicinity of the project site. . Although it is unlikely, human remains could be located within the project site and could be disturbed by excavation activities. Therefore, impacts are potentially significant and will be further analyzed in an EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

a) **Potentially Significant Impact.** The proposed project would result in emissions of greenhouse gases (GHGs) during construction and operation. Temporary GHG emissions would result from construction vehicles and equipment. Additionally, during operation, GHG emissions would result from vehicle trips generated by the proposed project, as well as building energy and water usage. Further analysis is required to determine the estimated project-generated GHG emissions and their impact on global climate change. Therefore, this issue will be further analyzed in an EIR.

b) **Potentially Significant Impact.** Federal, state, and local regulatory measures are aimed at reducing GHG emissions. At the federal level, in 2007, the U.S. Supreme Court ruled in Massachusetts v. Environmental Protection Agency (127 S. Ct. 1436) that GHGs are pollutants under the federal Clean Air Act, and therefore, the U.S. Environmental Protection Agency has the responsibility to regulate GHGs. On August 31, 2006, the California Assembly passed Assembly Bill (AB) 32, which established regulations to reduce California GHG emission levels to 1990 levels by 2020 (CARB 2014). The City of Santa Monica has also adopted the Sustainable City Plan, which includes targets of reducing GHG emissions by at least 30% below 1990 levels by 2015 for City government operations and 15% below 1990 levels by 2015 Citywide. The proposed project would comply with regulations established by AB 32. However, the proposed project would generate GHG emissions during construction and operation, which could conflict with the above plans. Therefore, this issue will be further analyzed in an EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?	☒	☐	☐	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☒	☐	☐	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances or waste within one-quarter mile of an existing or proposed school?	☒	☐	☐	☐
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code §65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☒	☐	☐	☐
e) For a project located within an airport land use plan area or, where such a plan has not been adopted, within two miles of a public airport or a public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?	☒	☐	☐	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	☒

a, b) **Potentially Significant Impact.** The proposed project would involve excavation activities, demolition of existing buildings, and construction of a new three-story building. As such, the project could create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous material. Additionally, the demolition of older buildings

on site may contain lead and asbestos, since their construction predates regulation of these hazardous materials. Operations of the proposed project would include the use of various hazardous materials, including chemical reagents, solvents, fuels, paints, and cleansers. These materials would be used for building and grounds maintenance. The project would also include operation of a variety of medical uses, such as medical research and development, laboratory modules, operation of specialized equipment, outpatient care, medical clinics, and medical offices. These uses would involve a variety of potentially hazardous medical materials, which would be stored and used on site, as well as transported to and from the site for delivery and disposal. Therefore, impacts associated with hazardous materials are potentially significant and this issue will be analyzed further in an EIR.

c) **Potentially Significant Impact.** The project site is adjacent to the Lighthouse Church and School, located at 1220 20th Street. The project site is also approximately 0.15 mile northeast of the Pacifica Christian High School, located at 1730 Wilshire Boulevard (California Department of Education 2014). As stated previously, the proposed project could potentially result in the accidental release of hazardous materials into the environment. Therefore, this issue will be further analyzed in an EIR.

d) **Potentially Significant Impact.** The project site may be included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. A hazardous materials site search will be conducted, and this issue will be analyzed further in an EIR.

e) **No Impact.** The Santa Monica Airport is approximately 1.8 miles south of the project site. However, the project site is not located within the boundaries of the Airport Influence Area for this airport (County of Los Angeles 2003). The Santa Monica Municipal Airport is governed by the Santa Monica Airport Code and the Los Angeles Regional Planning Commission/Airport Land Use Commission's Airport Land Use Compatibility guidelines. This document provides for reasonable, safe, and efficient use of the airport as a public transportation facility and as a base for aviation and aviation-related operations. Normal airport operations that comply with applicable regulations would not pose a safety hazard to the surrounding areas, including the proposed project site. Furthermore, the proposed project would not introduce structures to the project site having the potential to interfere with aircraft, resulting in a safety hazard. Federal Regulation Title 14 Part 77 establishes standards and notification requirements for objects affecting navigable airspace and requires that any project proponent who intends to perform any construction or alterations to structures that exceed 200 feet in height above ground level must notify the Federal Aviation Administration prior to construction. The proposed project would not involve high-rise structures in proximity to the airport that would require such notification. Furthermore, the City of Santa Monica and the Federal Aviation Administration signed a settlement agreement that will lead to the eventual closure of the Santa Monica Municipal Airport after 2028 (FAA 2017). For these reasons, the proposed project would not result in safety hazards for people residing or working in the area, and no impact would occur. Further analysis of this issue in an EIR is not required.

f) **Potentially Significant Impact.** The City of Santa Monica Local Hazard Mitigation Plan details emergency response procedures for the City and includes preventative policies (City of Santa Monica 2007). The proposed project would comply with the policies within this plan. However, it is not known whether the proposed project would interfere with an adopted emergency plan or emergency evacuation plan, and further analysis is required. Impacts are potentially significant and this issue will be analyzed further in an EIR.

g) **No Impact.** The project site is located within a fully developed area and is not located adjacent to, or in the vicinity of, wildland areas. Implementation of the proposed project would

not expose people or structures to a significant risk of loss, injury, or death from wildland fires. As a result, no impact would occur.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or though the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site?	☐	☐	☒	☐
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundations?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

a) **Less Than Significant Impact**. Construction of the proposed projects would require earthwork activities including excavation and shoring. During earthwork activities, exposed and stockpiled soils on the construction site could be subject to minor erosion and conveyed via stormwater runoff to municipal storm drains and into the Pacific Ocean. However, project construction would occur in accordance with the requirements of the National Pollutant Discharge

Elimination System (NPDES) General Construction Permit (Order No. 99-08-DWQ) and the City of Santa Monica Urban Runoff Pollution Ordinance (Chapter 7.10 of the Santa Monica Municipal Code. In accordance with the ordinance, Best Management Practices (BMPs) and pollutant control measures would be employed during project construction to minimize pollutants and reduce runoff to levels that comply with applicable water quality standards. In accordance with the City's Urban Runoff Pollution Ordinance, the following urban runoff reduction requirements would be implemented during construction:

- Polluted runoff (including runoff containing sediments and/or construction wastes) shall not leave the construction parcel. No wash water from any type of cement and concrete machinery or concrete mix truck shall be allowed to leave the construction parcel. Any washing of equipment in the right-of-way shall be contained and properly disposed.

- Any sediment or other materials that are tracked off the parcel by vehicles and equipment shall be removed the same day as they are tracked off the parcel. Where determined to be necessary, a temporary sediment control BMP shall be installed.

- For any paint removal, paint preparation, or sandblasting activities that will result in particles entering the air or landing on the ground, BMP steps shall be implemented to prevent or minimize to the maximum extent practicable such particle releases into the environment.

- Plastic covering shall be utilized to prevent erosion of an otherwise unprotected area, e.g., exposed or open to elements, along with treatment control BMPs to intercept and safely convey the runoff to the MS4.

- No washing of construction or other vehicles shall be allowed adjacent to a construction parcel. No polluted runoff from washing vehicles on a construction parcel shall be allowed to leave the parcel.

- Erosion drainage controls shall be utilized depending on the extent of proposed grading and topography of the parcel to prevent runoff.

With compliance with the above regulatory requirements, pollutant levels in urban runoff during construction would be minimized. Therefore, project construction impacts related to the violation of water quality standards or waste discharge requirements would be less than significant. Further analysis of this issue is not required.

During operation of the project, the project applicant would be required to implement good housekeeping practices to minimize polluted runoff and prepare an Urban Runoff Mitigation Plan in accordance with the City's Urban Runoff Pollution Ordinance. The Urban Runoff Mitigation Plan would require that the project applicant store and use (for non-potable purposes), infiltrate, or evapotranspire project-generated runoff during a 0.75 inch storm event, or alternatively, pay an urban runoff reduction fee.5 In addition, the following urban runoff reduction requirements would be implemented during operation as required as part of the Urban Runoff Mitigation Plan:

- Urban runoff shall not be allowed to come into contact with the loading/unloading dock areas; vehicle repair and maintenance bays; vehicle and equipment wash areas; and fueling areas.

- Where there are outdoor areas for the storage of material that may contribute pollutants to the stormwater conveyance system, these materials must be enclosed and protected by secondary containment structures. The outdoor storage area for materials must be paved and impervious and covered with a roof or awning to minimize collection of stormwater within the secondary containment area.

- Drainage from adjoining roofs and pavement must be diverted away from the trash storage areas.

- Trash areas must be covered, screened or walled to prevent off-site transport of trash, and must be connected to the sanitary sewer.

- Trash bins must have solid covers and be covered at all times except while being emptied.

The above requirements and other BMP provisions set forth in the Urban Runoff Mitigation Plan would be implemented throughout the operational life of the proposed projects to reduce the discharge of polluted runoff from the project site. Therefore, impacts related to violation of water quality standards and waste discharge requirements would be less than significant. Further analysis of this issue is not required.

b) **Less Than Significant Impact**. Because the City is largely urbanized and the project site has been previously developed, the proposed project will not materially change the runoff or permeability characteristic of the project site. Additionally, the construction activities associated with the proposed project would not remove substantial amounts of groundwater and any potential effects of construction dewatering on the groundwater table would be temporary. Water used during construction for cleaning, dust control, and other uses would be nominal. Therefore, construction activities would not substantially deplete groundwater supplies, lower the local groundwater table, or interfere substantially with groundwater recharge.

Operations of the proposed project could increase the demand for water in the City. However, the City's anticipated groundwater supplies from Metropolitan are considered reasonably certain for planning and CEQA purposes, and are sufficient to serve the City demand under the proposed LUCE through 2030 (City of Santa Monica 2010). New land uses constructed under the proposed LUCE would account for the total anticipated growth within the City. Development of the proposed project would be considered infill or redevelopment, and therefore groundwater supplies would be sufficient to meet demand. Further, because of the already urban nature of the project site, groundwater recharge would not be substantially affected.

Therefore, construction and operation of the proposed project would result in less than significant impacts to groundwater supply and groundwater recharge. No further analysis in an EIR is required.

c) **Less Than Significant Impact**. Under the existing conditions, the project site is currently occupied with a 2-story funeral home facility/chapel structure with a connected 4-car garage, two 2-story residential structures, and a surface parking lot. Implementation of this project would replace existing primarily impervious surface areas with new impervious surface areas in the form of a new Wellness Center Building. Site-generated surface water runoff would continue to flow into nearby municipal drains and/or catch basins. In addition, as previously stated, an Urban Runoff Mitigation Plan would be in place throughout the operational life of the project to reduce erosion, siltation, or flooding effects. Project construction would also comply with the requirements of the City's Urban Runoff Pollution Ordinance, including those regarding the

implementation of good housekeeping practices and BMPs, to reduce erosion, siltation, or flooding. Furthermore, there are no streams or rivers within the project site or in the surrounding area. As such, implementation of the projects would not substantially alter the existing drainage pattern such that substantial erosion, siltation, or flooding would occur. Impacts would be less than significant.

As previously mentioned above, the proposed project would replace existing primarily impervious surface areas with new impervious surface areas. Thus, implementation of the project would not increase the amount of impervious areas on the project site. In accordance with the City's Urban Runoff Pollution Ordinance, the proposed project would include appropriate on-site design measures to store and use (for non-potable purposes), infiltrate, or evapotranspire project-generated runoff during a 0.75 inch storm event or alternatively pay a fee. Furthermore, the City's Department of Public Works would have final review and approval of all project site plans to ensure that adequate drainage would be provided to accommodate the project's stormwater flows. Therefore, the proposed project would not create or contribute to runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Impacts would be less than significant, and further analysis in an EIR is not required.

d) **No Impact**. A seiche is a standing wave occurring in an enclosed or partially enclosed body of water, such as a lake, reservoir, or bay. There are no enclosed or partially enclosed bodies of water near the project site. Therefore, the potential for inundation from a seiche is considered remote. No impacts relative to a seiche would occur, and further analysis in an EIR is not required.

A tsunami is a large ocean wave caused by a significant undersea disturbance such as earthquakes. Areas susceptible to a tsunami in the City include areas below the Palisades Bluff and approximately ¼ mile from the ocean. The project site is located approximately 1.5 mile inland (east) from the Pacific Ocean. Therefore, inundation risk from a tsunami is considered very low. No impacts would occur.

Mudflows (also called debris flows) result from the downslope movement of soil and/or rock under the influence of gravity. The project sites and surrounding vicinity is characterized by relatively flat topography. Given the absence of any steep slopes nearby, the project sites would not be at risk from inundation by mudflow. No impacts would occur, and further analysis in an EIR is not required.

e) **Less Than Significant Impact**. The proposed project would comply with regional and local regulations requiring BMPs, and would not obstruct existing water quality control plans or groundwater sustainable management plans. In addition, the proposed project is entirely developed and would not introduce impervious areas over a significant groundwater recharge zone. Therefore, impacts associated with conflict with a water quality control plan or sustainable groundwater management plan would be less than significant.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☒	☐	☐	☐

a) **No Impact.** The proposed project would constitute infill development within an urban area, surrounded by residential and medical related uses within the HMU District. No new roads or design features would separate or other divide existing land uses, and no roads or other access routes would be blocked or realigned. The proposed use would be consistent with the type of medical-related land uses in the area and would not result in the division of an established community. Development of the proposed project would not divide a currently established community. Therefore, no impacts would occur and further analysis of this issue in an EIR is not required.

b) **Potentially Significant Impact.** The proposed project is subject to various regional and local plans guiding development within the project area. Regional plans applicable to the proposed project include the Southern California Association of Government (SCAG's) Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). At the local level, the Santa Monica Land Use and Circulation Element (LUCE) and Santa Monica Zoning Code establish land use standards for new development occurring on the project site.

The proposed project must be consistent with existing land use designation and zoning regulations. The proposed project is not anticipated to conflict with an applicable land use plan, policy, or regulation. However, for informational purposes, this issue will be further analyzed in an EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

a) **No Impact.** The existing funeral home/chapel on the project site was built in 1933. As such, the project site has been developed and operating as an urbanized use. Additionally, the project site is not designated as an existing mineral extraction area by the State of California (DOC 2018). Development of the proposed project would not result in the loss of the availability of a known mineral resource that would be of value locally, regionally, or to the State of California. Therefore, construction and operation of the proposed project would not result in the loss availability of a known mineral resource. No impacts would occur, and further analysis of this issue is not required.

b) **No Impact.** As discussed above, no mineral extraction occurs on the project site. Additionally, the project site is not designated as an existing mineral extraction area by the State of California (DOC 2018). Therefore, construction and operation of the proposed project would not result in the loss of a mineral resource recovery site. No impacts would occur, and further analysis of this issue is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NEIGHBORHOOD EFFECTS. Would the project:				
a) Have considerable effects on the City's residential neighborhoods?	☐	☐	☒	☐

a) **Less Than Significant Impact**. Neighborhood effects refers to the impacts of the proposed project, or processes related to its implementation, that might affect the quality of life of the existing residents of adjacent neighborhoods.

The project site is located in the HMU District of Santa Monica as defined by the LUCE. The HMU District designation allows for a variety of uses that support the City's two hospitals, and ensures continued improvement and ongoing expansion, while being sensitive to the surrounding residential neighborhoods in ways that meet the healthcare needs of the City and the sub-region. Allowed uses within this land use designation include hospital and medical office uses, pharmacies, residential care, rehabilitation and outpatient clinics, affordable, workforce and market-rate housing targeted at hospital employees, extended stay lodging for patient families, and supporting retail uses.

The proposed project involves the construction of a new Wellness Center within the HMU District, which would serve to meet the evolving needs to the healthcare community and the City's residential neighborhoods. The project design is intended to provide substantial and meaningful community and project benefits that are aligned with the LUCE, including publicly accessible ground floor open space, enhanced open space opportunities for employees and visitors, transportation demand management, high-quality architectural design, sustainability, payment of a transportation infrastructure fee, encouraged use of public transportation, bicycling and walking, enhanced pedestrian-oriented design features including widened walkways, outdoor seating and public use areas, pedestrian-oriented uses along street frontages, and local hiring. Thus, the proposed project would not result in an adverse effect on a residential neighborhood. Rather, the proposed project would be redeveloped to promote the health and wellbeing of the community. Therefore, impacts would be less than significant and further analysis of this issue in an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. NOISE. Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance or of applicable standards of other agencies?	☒	☐	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☒	☐	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan area or, where such a plan has not been adopted, within two miles of a public airport or a public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☒	☐

a) **Potentially Significant Impact.** The proposed project could expose persons to noise levels in excess of standards established in the local general plan. Construction may result in short-term increase in ambient noise and vibration due to construction activities such as grading or demolition. In addition, the proposed project could result in the exposure of persons to excess noise levels due to operational activities and employees vehicles in and around the project site. As such, impacts relative to exceedance of the local noise standards will be analyzed further in an EIR.

b) **Potentially Significant Impact.** During construction, the proposed project could potentially generate groundborne vibration levels from the use of heavy machinery and equipment. The proposed project could expose nearby noise-sensitive receptors to noise levels above established standards. As such, impacts relative to construction groundborne vibration will be analyzed further in an EIR.

c) **Less Than Significant Impact.** The project site is not located within the vicinity of a private airstrip, and therefore, would not expose people residing or working in the project area to excessive noise levels. The Santa Monica Airport is approximately 1.8 miles south of the project site. However, the project site is not located within the boundaries of the Airport Influence Area for this airport (County of Los Angeles 2003). The Santa Monica Municipal Airport is governed by the Santa Monica Airport Code and the Los Angeles Regional Planning Commission/Airport Land Use Commission's Airport Land Use Compatibility guidelines. According to the Airport Influence Area Map, the project site is located outside of the 65 CNEL Airport Land Use Noise Contour. Furthermore, the City of Santa Monica and the Federal Aviation Administration signed a settlement agreement that will lead to the eventual closure of the Santa Monica Municipal Airport after 2028 (FAA 2017). Therefore, there is little potential to expose people working in the

project area to excess noise levels from a nearby airport. Impacts would be less than significant, and further analysis of this issue in an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. POPULATION AND HOUSING. Would the project:				
a) Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☒	☐

a) **Less Than Significant Impact**. The proposed project does not propose residential uses and as such, would not directly induce population growth. The proposed project consists of the development of a Wellness Center with research and clinical/office uses. Although the exact number of employees is undetermined at this time, it is anticipated that project employees would be drawn from the existing regional and/or local labor force. Any indirect population growth would be minimal relative to the existing City residential population of 92,306 (U.S. Census Bureau 2017). Further, the project does not involve development of major infrastructure, which would further induce population growth. Therefore, impacts related to population growth would be less than significant, and further analysis in an EIR is not required.

b) **Less Than Significant Impact**. The proposed project involves partial demolition of a vacant funeral home/chapel, and two vacant multi-family residential buildings. The existing funeral home and chapel was formerly used as Gates, Kingsley, & Gates Funeral Home. The existing funeral home and chapel ceased operation in 2016. Additionally, the residential units have been vacant since that same time. The multi-family residential buildings total 10 units. Based on the approximately 52,000 housing units within the City, the reduction of 10 units represents 0.02% of the total housing units (U.S. Census Bureau 2017). Therefore, the removal of 10 units does not constitute a substantial number of housing and would not necessitate the construction of replacement housing elsewhere. Prior to demolition of the apartment structures, the project applicant would be required to obtain a removal permit from the City's Rent Control Board to remove the existing rent control units in accordance with the City's Rent Control Ordinance. Therefore, the proposed project would not displace a substantial number of people. Additionally, social and economic concerns related to the project's contribution to the decline of the City's supply of rent control units and housing affordability are policy issues rather than environmental issues required to be analyzed under CEQA. A shortfall of rent control units in the City is not, by itself, a physical impact on the environment, unless they result in reasonably foreseeable physical impacts on the environment. Impacts would be less than significant, and further analysis in an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. PUBLIC SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection?	☐	☐	☒	☐
b) Police protection?	☐	☐	☒	☐
c) Schools?	☐	☐	☒	☐
d) Parks?	☐	☐	☒	☐
e) Other public facilities?	☐	☐	☒	☐

a) **Less Than Significant Impact**. The project site is served by the Santa Monica Fire Department (SMFD), which provides fire protection and emergency services to the City. The nearest fire station to the project site is the Fire Station No. 3 located approximately 260 feet south along Arizona Avenue. Fire Station No. 3 is equipped with two paramedic engine companies, one hazardous materials response vehicle, and one reserve engine (SMFD 2018). This station has a staff of at least 8. The proposed project would result in new medical-related uses that would generate an incremental demand for fire protection services provided by SMFD. However, the proposed project would not result in unusually high fire risks such as those associated with mechanical fires, medical emergencies, or structural fires. Furthermore, the proposed project would comply with the applicable Fire Code and Building Code. Therefore, impacts on fire protection and emergency services would be less than significant. Further analysis in an EIR is not required.

b) **Less Than Significant Impact**. The Santa Monica Police Department (SMPD) serves the proposed project site. The SMPD is located at 333 Olympic Drive approximately 1.3 miles southwest of the project site. While the proposed project would not generate a residential population that would increase the demand for SMPD services, the proposed project would result in an increase in employees on the project site. However, the project's demand for SMPD services is not anticipated to be substantial. Calls for SMPD services that would be generated by the project would likely be associated with motor vehicle theft/burglaries. However, security risks and demand for police services would be reduced through the implementation of security features. Overall, the project would not generate the need for new or expanded police facility would be expected to be required. Therefore, impacts to police protection services would be less than significant. Further analysis in an EIR is not required.

c) **Less Than Significant Impact**. The project site is served by the Santa Monica-Malibu Unified School District. The Santa Monica-Malibu Unified School District provides primary and secondary public education to students in the local area. Implementation of the proposed project would result in medical-related facilities. Although the exact number of employees is undetermined at this time, it is anticipated that project employees would be drawn from the existing regional

and/or local labor force. Any indirect population growth would be minimal and would not generate students, such that impacts to schools would occur. Therefore, impacts on schools would be less than significant, and further analysis in an EIR is not required.

d) **Less Than Significant Impact**. The City of Santa Monica provides a number of recreation and park facilities to its residents. City residents and visitors have access to 32 public parks located throughout the City. In addition, the Sana Monica Beach and Pier serve the recreational needs of residents. The closest park to the project site is Schader Park located approximately 0.4 miles northeast of the project site.

The proposed project would not generate a residential population that would increase the demand for parks. While the proposed project would generate an increase in employees working on-site, the demand for parks and recreational services by employees is anticipated to be negligible since these employees do not typically recreate near their place of work (but rather their place of residence). Furthermore, as previously stated, employees of the proposed project is anticipated to be drawn from the regional and/or local labor force and therefore, the proposed project would not cause a substantial number of people to move to the project area. Therefore, impacts would be less than significant, and further analysis of this issue is not required.

e) **Less Than Significant Impact**. The City of Santa Monica Montana Branch Library at located at 1704 Montana Avenue is the closest library to the project site. The proposed project would not generate a residential population that would increase the demand for libraries. Therefore, impacts to other public facilities would be less than significant, and further analysis of this issue is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities, or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☒	☐

a,b) **Less Than Significant Impact**. As indicated above, the proposed project would not generate a residential population that would increase the demand for neighborhood parks and recreational facilities. As such, the proposed project would not result in a significant increased use of the existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur, or that the construction or expansion of such facilities would be required. Impacts would be less than significant, and further analysis within an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRANSPORTATION/TRAFFIC. Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☒	☐	☐	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☒	☐	☐	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☒	☐	☐	☐
d) Result in inadequate emergency access?	☒	☐	☐	☐

a) **Potentially Significant Impact**. The Big Blue Bus serves the City of Santa Monica and has several bus routes, which are accessible from the project site. The subject property is also located within a ½ mile of the future Expo light rail station at Colorado Avenue and 17th Street. The City of Santa Monica also has an adopted Bicycle Action Plan, which sets forth a plan for new bicycle routes and paths in the City. As called for in the LUCE, new development projects must be consistent with the City's goals for alternative transportation. Therefore, impacts are potentially significant, and further analysis in an EIR is required.

b) **Potentially Significant Impact**. The proposed project would develop a new Wellness Center on the project site. The Wellness Center could potentially generate increased traffic which could adversely impact the performance of the local and regional circulation system, including intersections, residential street segments, and freeways. Project traffic could exceed the City's significance thresholds. Within Los Angeles County, the Metropolitan Transportation Authority (Metro) administers the 2010 Congestion Management Plan (CMP), a state mandated program designed to address the impacts of urban congestion on local communities and the region as a whole. The 2010 CMP requires a traffic impact analysis be conducted where a project would (1) add 50 or more peak hour trips to any CMP arterial intersection or (2) where a project would add 150 or more peak hour trips in any direction to a CMP freeway monitoring segment. As previously stated, the new Wellness Center would generate increased traffic which could significantly impact the performance of the local and regional circulation system. As such, this issue will be further analyzed in the EIR.

c) **Potentially Significant Impact**. The proposed project involves redevelopment of a site previously developed with a 2-story funeral home facility/chapel structure with a connected 4-car garage, two 2-story residential structures, and a surface parking lot into a new Wellness Center. To ensure that these project elements would not introduce hazardous circulation or design features, further analysis is need to determine if there is any risk associated with the proposed project design. Impacts would be potentially significant, and further analysis in an EIR is required.

d) **Potentially Significant Impact**. The project site is currently provided with adequate emergency access. Site plans for the proposed project would be reviewed prior to issuance of a building permit to ensure that all SMFD fire safety requirements (including those related to emergency access) are met. However, further analysis regarding site access and circulation is required. Impacts are potentially significant, and further analysis in an EIR is required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. TRIBAL CULTURAL RESOURCES. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?	☒	☐	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	☒	☐	☐	☐

a) **Potentially Significant Impact**. The proposed project involves adaptive reuse and partial demolition of a former funeral home and chapel building, which was constructed in 1933. As such, the project involves removal of/demolition of a potentially significant historical resource. A historical resources analysis is required to determine potentially impacts to historical resources as defined in Public Resources Code Section 5020.1(k). Further analysis in an EIR is required.

b) **Potentially Significant Impact.** In accordance with California Assembly Bill (AB) 52 requirements, the City will need to contact the Native American Heritage Commission to request a Sacred Lands File search and a list of tribes with traditional and/or cultural places located within the boundaries of Los Angeles County. Once this list is obtained and the Notice of Preparation is sent out, the City must reach out to any tribal representatives requesting consultation under AB 52. Impacts would be potentially significant, and this issue will be analyzed in the EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☒	☐	☐	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?	☐	☒	☐	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☒	☐	☐	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☒	☐	☐	☐

a) **Potentially Significant Impact**. The local sewer collection system is owned by the City of Santa Monica and is managed, operated, and maintained by the Water Resources Division of the City's Environmental and Public Works Management Department. Wastewater in the City flows primarily by gravity in a southerly direction to the Coastal Interceptor Sewer, and is delivered to the City of Los Angeles' Hyperion Treatment Plant located approximately seven miles southeast of Santa Monica, along the Santa Monica Bay coastline. The City has an agreement with the City of Los Angeles for Wastewater Disposal services and pays fees to Los Angeles based on monthly effluent flows to the treatment plant.

The proposed project would result in the demolition of approximately 1,290 square feet of existing building and construct approximately 67,513 square feet of the new Wellness Center. The additional building construction would generate increased water demand and wastewater flows with the potential to exceed the capacity of existing water, wastewater, electric power, natural gas, and telecommunications facilities. Therefore, impacts would be potentially significant, and further analysis is required in an EIR.

b) **Less Than Significant Impact**. Development of the proposed project would be considered infill or redevelopment and water supplies would be sufficient to meet demand. New land uses constructed under the proposed City's LUCE would account for the total anticipated growth within the City. Operations of the proposed project could increase the demand for water in the City. However, the proposed project would be subject to the City's Water Neutrality Ordinance, which would require new development to offset all increases in average five-year historical water use with on-site water efficiency measures, pay in-lieu fees or perform/undertake the requirements at an off-site location. Furthermore, given that the project is consistent with the LUCE, such increase in water usage that could occur has been generally accounted for within the City's 2015 UWMP, which incorporates expected citywide growth through 2040. Therefore, the City's existing and future water supply would be sufficient to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years Impacts would be less than significant, and further analysis in an EIR is not required.

c) **Potentially Significant Impact**. As previously discussed, the proposed project would involve construction of new buildings and demolition of existing buildings. The proposed project could create a demand that would exceed the wastewater treatment capacity of the area. Impacts would be potentially significant, and this issue will be analyzed in the EIR.

d) **Potentially Significant Impact.** Construction and operation of the proposed projects would result in the need for solid waste disposal at the County's landfills. In particular, construction of the proposed project would generate asphalt, concrete, glass, and wood. Once constructed, the new building additions could potentially exceed the capacity of existing landfills. Further analysis is required to determine the increase in solid waste generated by the project. Impacts are potentially significant, and further analysis in an EIR is required.

e) **Potentially Significant Impact.** The proposed project would be subject to the City's waste management requirements. This includes programs to reduce waste at the source, divert yard waste from landfills through composting and other means, and increasing recycling in the single-family, multi-family, commercial, and industrial sectors (City of Santa Monica 2018). A requirement to comply with these regulations will be imposed on the project. Further investigation is required to confirm that the proposed project would comply with the City's solid waste management regulations. Impacts are potentially significant, and further analysis in an EIR is required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. Energy Consumption. Would the project:				
a) Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?	☒	☐	☐	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☒	☐	☐	☐

a) **Potentially Significant Impact**. Construction of the proposed project would require the use of energy for as-necessary lighting and electronic equipment (such as computers inside temporary construction trailers and heating, ventilation, and air conditioning). At full build-out, the proposed project's operational phase would require energy for building operation (appliances, lighting, etc.). Further analysis is required to determine the potential environmental impacts resulting from the consumption of energy resources. Impacts are potentially significant, and further analysis in an EIR is required.

b) **Potentially Significant Impact.** The proposed project is subject to various regional and local plans guiding energy use. The proposed project must be consistent with existing regulations. The proposed project is not anticipated to conflict with an applicable land use plan, policy, or regulation. However, for informational purposes, this issue will be further analyzed in an EIR.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXII. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

a) **No Impact**. According to Cal Fire's Fire Hazard Severity Zone Viewer, the project site and surrounding area is not located in a very high fire hazard severity zone (VHFHSZ) (Cal Fire 2019). The project site is located within a fully developed area and is not located adjacent to, or in the vicinity of, wildland areas. Since the project site is not located in a VHFHSZ, no impacts associated with emergency response plans or emergency evacuation plans would occur. This issue will not be further analyzed in the EIR.

b) **No Impact.** As previously addressed, the project site is not located in a VHFHSZ. The area surrounding the project site is generally urbanized and developed. There are no designated open space areas surrounding the project site. Land uses surrounding the project site encompass a mix of medical-related, healthcare, residential, and commercial land uses. Therefore, no impacts to project occupants due to wildfire would occur.

c) **No Impact**. The proposed project is located within an urban area and is not susceptible to fire risk. In addition, the proposed project would not result in the installation or maintenance of roads, fuel breaks, emergency water sources, or power lines. No impacts would occur, and further analysis in an EIR is not required.

d) **No Impact**. The proposed project is located on a generally level, built-out area. There are no bodies of water located on or near the project site, which could result in flooding. In addition, the proposed project is not located in an area susceptible to fire. Therefore, no impacts would occur, and further analysis in an EIR is not required.

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXIII. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wild-life population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of rare or endangered plants or animals, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.	☒	☐	☐	☐
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

a) **Potentially Significant Impact**. As discussed in Section IV, Biological Resources, the project site is located in the urbanized City of Santa Monica. The existing funeral home/chapel on the project site has been developed on the site since 1933. No special status/sensitive species occur on the project sites or surrounding area. In addition, no habitats for sensitive species, wildlife corridors, native wildlife nursery sites, or bodies of water in which fish are present on or near the project sites. Implementation of the projects would not have the potential to reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal.

As discussed in Section VI, Cultural Resources, due to the age of the buildings on-site, further analysis regarding the removal/demolition of a potentially significant historical resource is required. As such, the proposed project could eliminate an important example of a major period of California history. Therefore, impacts are potentially significant and further analysis of this issue in an EIR is required.

b) **Potentially Significant Impact**. The potential for cumulative impacts occurs when the individual impacts of the proposed project and the impacts of future related projects combine to create impacts greater than those of the project alone. Cumulative impacts regarding

aesthetics/shadows, air quality, cultural resources, construction effects, greenhouse gas emissions, geology and soils, hazards and hazardous materials, land use and planning, noise, transportation/ circulation, and utilities will be analyzed in the EIR.

c) **Potentially Significant Impact**. The proposed projects could result in potentially significant impacts related to aesthetics/shadows, air quality, cultural resources, construction effects, greenhouse gas emissions, geology and soils, hazards and hazardous materials, land use and planning, noise, transportation/ circulation, and utilities. Therefore, these issues will be analyzed in the EIR.

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APPENDIX B

Air Quality and Greenhouse Gas Emissions Calculations and Health Risk Assessment

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/8/2020 12:51 PM

Santa Monica Wellness Center
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	18.81	1000sqft	0.00	18,812.00	0
Research & Development	54.00	1000sqft	0.64	54,000.00	0
Enclosed Parking with Elevator	275.00	Space	0.00	110,000.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Santa Monica Wellness Center. SCAQMD. Adjust CO2 to meet 100% RPS consistent with the City and the Clean Power Alliance.
Land Use - Project includes 18.812 ksf in clinical/medical office, 54 ksf in research and development, and 275 parking spaces on a 1.03 acre site.

Construction Phase - Construction would last Spring 2021 (March) through January 2023.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Trips and VMT - Revised haul trips to include pavement demolition trips. Assumed 10 CY per load resulting in 11,600 haul trips. Rounded up number of trips. Assumed two water trucks during grading.

Demolition - 9,346 tons (existing buildings and parking lot).

Grading - 58,000 cy soil exported.

Architectural Coating - Use of low VOC architectural coatings (50 g/L)

Vehicle Trips - Revised trip rates to match daily trips per traffic analysis (Fehr and Peers).

Energy Use - Default energy use intensities assumed.

Water And Wastewater - Default water use assumed.

Solid Waste - Updated solid waste per City's SW gen rate of 4.2 lbs/employee.

Construction Off-road Equipment Mitigation - Comply with Rule 403 - water twice daily.

Mobile Land Use Mitigation - Increase transit accessability and improve pedestrian network.

Energy Mitigation - Assumed compliance with Title 24 2019 standards. Per City's Solar Ordinance, at minimum 40 kWh of PV panels required.

Water Mitigation - 20% indoor/outdoor reduction in water assumed for CALGreen compliance.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,406.00	39,291.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,218.00	117,872.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	36406	39291
tblAreaCoating	Area_Nonresidential_Interior	109218	117872
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	4.00	161.00
tblConstructionPhase	NumDays	4.00	80.00
tblConstructionPhase	NumDays	200.00	280.00

tblConstructionPhase	NumDays	200.00	44.00
tblConstructionPhase	NumDays	200.00	140.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	10.00	15.00
tblGrading	AcresOfGrading	60.38	1.50
tblGrading	MaterialExported	0.00	58,000.00
tblLandUse	LandUseSquareFeet	18,810.00	18,812.00
tblLandUse	LotAcreage	0.43	0.00
tblLandUse	LotAcreage	1.24	0.64
tblLandUse	LotAcreage	2.47	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction 2
tblOffRoadEquipment	PhaseName		Grading 2
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	5.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	702.44	0

tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblSolidWaste	SolidWasteGenerationRate	203.15	262.74
tblSolidWaste	SolidWasteGenerationRate	4.10	5.54
tblTripsAndVMT	HaulingTripNumber	924.00	164.00
tblTripsAndVMT	HaulingTripNumber	7,250.00	11,600.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	33.00	34.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	8.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	78.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	8.96	7.42
tblVehicleTrips	ST_TR	1.90	3.14
tblVehicleTrips	SU_TR	1.55	1.28
tblVehicleTrips	SU_TR	1.11	1.84
tblVehicleTrips	WD_TR	36.13	29.91
tblVehicleTrips	WD_TR	8.11	13.41

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1168	2.3303	0.8429	5.9200e-003	0.2285	0.0341	0.2626	0.0498	0.0319	0.0816	0.0000	567.7242	567.7242	0.0592	0.0000	569.2042
2022	0.1434	1.3310	1.3697	3.8200e-003	0.1374	0.0449	0.1823	0.0371	0.0429	0.0800	0.0000	346.1291	346.1291	0.0366	0.0000	347.0448
2023	0.2020	0.0128	0.0215	4.0000e-005	1.5500e-003	6.7000e-004	2.2200e-003	4.1000e-004	6.6000e-004	1.0700e-003	0.0000	3.6609	3.6609	3.0000e-004	0.0000	3.6685
Maximum	**0.2020**	**2.3303**	**1.3697**	**5.9200e-003**	**0.2285**	**0.0449**	**0.2626**	**0.0498**	**0.0429**	**0.0816**	**0.0000**	**567.7242**	**567.7242**	**0.0592**	**0.0000**	**569.2042**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1168	2.3303	0.8429	5.9200e-003	0.1713	0.0341	0.2054	0.0411	0.0319	0.0730	0.0000	567.7241	567.7241	0.0592	0.0000	569.2041
2022	0.1434	1.3310	1.3697	3.8200e-003	0.1374	0.0449	0.1823	0.0371	0.0429	0.0800	0.0000	346.1289	346.1289	0.0366	0.0000	347.0446
2023	0.2020	0.0128	0.0215	4.0000e-005	1.5500e-003	6.7000e-004	2.2200e-003	4.1000e-004	6.6000e-004	1.0700e-003	0.0000	3.6609	3.6609	3.0000e-004	0.0000	3.6685
Maximum	**0.2020**	**2.3303**	**1.3697**	**5.9200e-003**	**0.1713**	**0.0449**	**0.2054**	**0.0411**	**0.0429**	**0.0800**	**0.0000**	**567.7241**	**567.7241**	**0.0592**	**0.0000**	**569.2041**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**15.58**	**0.00**	**12.80**	**9.91**	**0.00**	**5.31**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3099	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003
Energy	6.3300e-003	0.0575	0.0483	3.5000e-004		4.3700e-003	4.3700e-003		4.3700e-003	4.3700e-003	0.0000	62.6082	62.6082	1.2000e-003	1.1500e-003	62.9802
Mobile	0.2379	1.1854	3.1254	0.0128	1.1324	9.1800e-003	1.1416	0.3034	8.5300e-003	0.3120	0.0000	1,185.4249	1,185.4249	0.0528	0.0000	1,186.7460
Waste						0.0000	0.0000		0.0000	0.0000	54.4584	0.0000	54.4584	3.2184	0.0000	134.9184
Water						0.0000	0.0000		0.0000	0.0000	9.1724	0.0000	9.1724	0.9421	0.0222	39.3536
Total	**0.5542**	**1.2430**	**3.1782**	**0.0132**	**1.1324**	**0.0136**	**1.1460**	**0.3034**	**0.0129**	**0.3163**	**63.6308**	**1,248.0417**	**1,311.6725**	**4.2146**	**0.0234**	**1,424.0074**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3099	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003
Energy	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3400e-003	3.3400e-003		3.3400e-003	3.3400e-003	0.0000	47.7902	47.7902	9.2000e-004	8.8000e-004	48.0742
Mobile	0.2123	1.0399	2.4695	9.7200e-003	0.8406	7.0600e-003	0.8477	0.2252	6.5700e-003	0.2318	0.0000	900.9299	900.9299	0.0419	0.0000	901.9780
Waste						0.0000	0.0000		0.0000	0.0000	54.4584	0.0000	54.4584	3.2184	0.0000	134.9184
Water						0.0000	0.0000		0.0000	0.0000	7.3379	0.0000	7.3379	0.7537	0.0178	31.4829
Total	**0.5271**	**1.0839**	**2.5108**	**9.9800e-003**	**0.8406**	**0.0104**	**0.8510**	**0.2252**	**9.9300e-003**	**0.2352**	**61.7963**	**948.7287**	**1,010.5250**	**4.0149**	**0.0187**	**1,116.4626**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.89**	**12.80**	**21.00**	**24.11**	**25.77**	**23.21**	**25.74**	**25.77**	**23.14**	**25.67**	**2.88**	**23.98**	**22.96**	**4.74**	**20.14**	**21.60**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/22/2021	4/15/2021	5	19	
2	Grading	Grading	4/16/2021	11/26/2021	5	161	
3	Grading 2	Grading	5/24/2021	9/10/2021	5	80	bore/drill rig
4	Building Construction	Building Construction	11/29/2021	12/23/2022	5	280	
5	Building Construction 3	Building Construction	11/29/2021	1/27/2022	5	44	welders
6	Building Construction 2	Building Construction	6/13/2022	12/23/2022	5	140	aerial lift
7	Paving	Paving	12/15/2022	1/4/2023	5	15	
8	Architectural Coating	Architectural Coating	1/9/2023	1/27/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.39

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 117,872; Non-Residential Outdoor: 39,291; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	3.00	81	0.73
Demolition	Rubber Tired Dozers	1	3.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	5.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading 2	Bore/Drill Rigs	1	5.00	221	0.50

Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	4.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	5.00	97	0.37
Building Construction 3	Welders	2	4.00	46	0.45
Building Construction 2	Aerial Lifts	1	8.00	63	0.31
Paving	Cement and Mortar Mixers	1	2.00	9	0.56
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Rollers	1	2.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	2.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	164.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	2	8.00	4.00	11,600.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	78.00	34.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	14.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1000	0.0000	0.1000	0.0151	0.0000	0.0151	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2100e-003	0.0612	0.0409	7.0000e-005		3.1800e-003	3.1800e-003		2.9700e-003	2.9700e-003	0.0000	6.2101	6.2101	1.5000e-003	0.0000	6.2476
Total	**6.2100e-003**	**0.0612**	**0.0409**	**7.0000e-005**	**0.1000**	**3.1800e-003**	**0.1032**	**0.0151**	**2.9700e-003**	**0.0181**	**0.0000**	**6.2101**	**6.2101**	**1.5000e-003**	**0.0000**	**6.2476**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-004	0.0214	4.5300e-003	6.0000e-005	1.4100e-003	6.0000e-005	1.4700e-003	3.9000e-004	6.0000e-005	4.5000e-004	0.0000	6.1229	6.1229	4.2000e-004	0.0000	6.1334
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.6500e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7263	0.7263	2.0000e-005	0.0000	0.7268
Total	**9.2000e-004**	**0.0216**	**7.1800e-003**	**7.0000e-005**	**2.2400e-003**	**7.0000e-005**	**2.3100e-003**	**6.1000e-004**	**7.0000e-005**	**6.8000e-004**	**0.0000**	**6.8492**	**6.8492**	**4.4000e-004**	**0.0000**	**6.8602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0450	0.0000	0.0450	6.8100e-003	0.0000	6.8100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2100e-003	0.0612	0.0409	7.0000e-005		3.1800e-003	3.1800e-003		2.9700e-003	2.9700e-003	0.0000	6.2100	6.2100	1.5000e-003	0.0000	6.2475
Total	**6.2100e-003**	**0.0612**	**0.0409**	**7.0000e-005**	**0.0450**	**3.1800e-003**	**0.0482**	**6.8100e-003**	**2.9700e-003**	**9.7800e-003**	**0.0000**	**6.2100**	**6.2100**	**1.5000e-003**	**0.0000**	**6.2475**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-004	0.0214	4.5300e-003	6.0000e-005	1.4100e-003	6.0000e-005	1.4700e-003	3.9000e-004	6.0000e-005	4.5000e-004	0.0000	6.1229	6.1229	4.2000e-004	0.0000	6.1334
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.3000e-004	2.6500e-003	1.0000e-005	8.3000e-004	1.0000e-005	8.4000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	0.7263	0.7263	2.0000e-005	0.0000	0.7268
Total	**9.2000e-004**	**0.0216**	**7.1800e-003**	**7.0000e-005**	**2.2400e-003**	**7.0000e-005**	**2.3100e-003**	**6.1000e-004**	**7.0000e-005**	**6.8000e-004**	**0.0000**	**6.8492**	**6.8492**	**4.4000e-004**	**0.0000**	**6.8602**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.0700e-003	0.0000	4.0700e-003	5.8000e-004	0.0000	5.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4722	0.2432	5.9000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	51.6265	51.6265	0.0167	0.0000	52.0440
Total	**0.0387**	**0.4722**	**0.2432**	**5.9000e-004**	**4.0700e-003**	**0.0181**	**0.0222**	**5.8000e-004**	**0.0166**	**0.0172**	**0.0000**	**51.6265**	**51.6265**	**0.0167**	**0.0000**	**52.0440**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0426	1.5116	0.3206	4.4100e-003	0.0997	4.5800e-003	0.1043	0.0274	4.3800e-003	0.0318	0.0000	433.0855	433.0855	0.0297	0.0000	433.8269
Vendor	9.2000e-004	0.0312	7.7200e-003	8.0000e-005	2.0300e-003	6.0000e-005	2.0900e-003	5.9000e-004	6.0000e-005	6.5000e-004	0.0000	7.8615	7.8615	5.0000e-004	0.0000	7.8740
Worker	2.6800e-003	1.9800e-003	0.0224	7.0000e-005	7.0700e-003	5.0000e-005	7.1200e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	6.1545	6.1545	1.7000e-004	0.0000	6.1586
Total	**0.0462**	**1.5447**	**0.3507**	**4.5600e-003**	**0.1088**	**4.6900e-003**	**0.1135**	**0.0298**	**4.4900e-003**	**0.0343**	**0.0000**	**447.1015**	**447.1015**	**0.0303**	**0.0000**	**447.8594**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8300e-003	0.0000	1.8300e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4722	0.2432	5.9000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	51.6265	51.6265	0.0167	0.0000	52.0439
Total	**0.0387**	**0.4722**	**0.2432**	**5.9000e-004**	**1.8300e-003**	**0.0181**	**0.0199**	**2.6000e-004**	**0.0166**	**0.0169**	**0.0000**	**51.6265**	**51.6265**	**0.0167**	**0.0000**	**52.0439**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0426	1.5116	0.3206	4.4100e-003	0.0997	4.5800e-003	0.1043	0.0274	4.3800e-003	0.0318	0.0000	433.0855	433.0855	0.0297	0.0000	433.8269
Vendor	9.2000e-004	0.0312	7.7200e-003	8.0000e-005	2.0300e-003	6.0000e-005	2.0900e-003	5.9000e-004	6.0000e-005	6.5000e-004	0.0000	7.8615	7.8615	5.0000e-004	0.0000	7.8740
Worker	2.6800e-003	1.9800e-003	0.0224	7.0000e-005	7.0700e-003	5.0000e-005	7.1200e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	6.1545	6.1545	1.7000e-004	0.0000	6.1586
Total	**0.0462**	**1.5447**	**0.3507**	**4.5600e-003**	**0.1088**	**4.6900e-003**	**0.1135**	**0.0298**	**4.4900e-003**	**0.0343**	**0.0000**	**447.1015**	**447.1015**	**0.0303**	**0.0000**	**447.8594**

3.4 Grading 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4500e-003	0.0756	0.0519	2.4000e-004		2.2900e-003	2.2900e-003		2.1100e-003	2.1100e-003	0.0000	20.6852	20.6852	6.6900e-003	0.0000	20.8525
Total	**6.4500e-003**	**0.0756**	**0.0519**	**2.4000e-004**	**0.0000**	**2.2900e-003**	**2.2900e-003**	**0.0000**	**2.1100e-003**	**2.1100e-003**	**0.0000**	**20.6852**	**20.6852**	**6.6900e-003**	**0.0000**	**20.8525**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4500e-003	0.0756	0.0519	2.4000e-004		2.2900e-003	2.2900e-003		2.1100e-003	2.1100e-003	0.0000	20.6852	20.6852	6.6900e-003	0.0000	20.8525
Total	**6.4500e-003**	**0.0756**	**0.0519**	**2.4000e-004**	**0.0000**	**2.2900e-003**	**2.2900e-003**	**0.0000**	**2.1100e-003**	**2.1100e-003**	**0.0000**	**20.6852**	**20.6852**	**6.6900e-003**	**0.0000**	**20.8525**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3200e-003	0.0921	0.0834	1.5000e-004		4.7200e-003	4.7200e-003		4.5100e-003	4.5100e-003	0.0000	13.2050	13.2050	2.3500e-003	0.0000	13.2637
Total	**9.3200e-003**	**0.0921**	**0.0834**	**1.5000e-004**		**4.7200e-003**	**4.7200e-003**		**4.5100e-003**	**4.5100e-003**	**0.0000**	**13.2050**	**13.2050**	**2.3500e-003**	**0.0000**	**13.2637**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0411	0.0102	1.1000e-004	2.6800e-003	8.0000e-005	2.7600e-003	7.7000e-004	8.0000e-005	8.5000e-004	0.0000	10.3762	10.3762	6.6000e-004	0.0000	10.3926
Worker	4.0600e-003	3.0000e-003	0.0340	1.0000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	7.0000e-005	2.9100e-003	0.0000	9.3177	9.3177	2.5000e-004	0.0000	9.3239
Total	**5.2700e-003**	**0.0441**	**0.0442**	**2.1000e-004**	**0.0134**	**1.6000e-004**	**0.0135**	**3.6100e-003**	**1.5000e-004**	**3.7600e-003**	**0.0000**	**19.6939**	**19.6939**	**9.1000e-004**	**0.0000**	**19.7166**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3200e-003	0.0921	0.0834	1.5000e-004		4.7200e-003	4.7200e-003		4.5100e-003	4.5100e-003	0.0000	13.2050	13.2050	2.3500e-003	0.0000	13.2636
Total	**9.3200e-003**	**0.0921**	**0.0834**	**1.5000e-004**		**4.7200e-003**	**4.7200e-003**		**4.5100e-003**	**4.5100e-003**	**0.0000**	**13.2050**	**13.2050**	**2.3500e-003**	**0.0000**	**13.2636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0411	0.0102	1.1000e-004	2.6800e-003	8.0000e-005	2.7600e-003	7.7000e-004	8.0000e-005	8.5000e-004	0.0000	10.3762	10.3762	6.6000e-004	0.0000	10.3926
Worker	4.0600e-003	3.0000e-003	0.0340	1.0000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	7.0000e-005	2.9100e-003	0.0000	9.3177	9.3177	2.5000e-004	0.0000	9.3239
Total	**5.2700e-003**	**0.0441**	**0.0442**	**2.1000e-004**	**0.0134**	**1.6000e-004**	**0.0135**	**3.6100e-003**	**1.5000e-004**	**3.7600e-003**	**0.0000**	**19.6939**	**19.6939**	**9.1000e-004**	**0.0000**	**19.7166**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	0.8409	0.8412	1.5500e-003		0.0414	0.0414		0.0396	0.0396	0.0000	134.7208	134.7208	0.0237	0.0000	135.3130
Total	**0.0862**	**0.8409**	**0.8412**	**1.5500e-003**		**0.0414**	**0.0414**		**0.0396**	**0.0396**	**0.0000**	**134.7208**	**134.7208**	**0.0237**	**0.0000**	**135.3130**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.3977	0.0983	1.0800e-003	0.0273	7.3000e-004	0.0281	7.8800e-003	7.0000e-004	8.5800e-003	0.0000	104.9057	104.9057	6.4400e-003	0.0000	105.0667
Worker	0.0389	0.0277	0.3200	1.0100e-003	0.1091	7.9000e-004	0.1099	0.0290	7.3000e-004	0.0297	0.0000	91.6329	91.6329	2.3000e-003	0.0000	91.6905
Total	**0.0505**	**0.4254**	**0.4183**	**2.0900e-003**	**0.1364**	**1.5200e-003**	**0.1380**	**0.0369**	**1.4300e-003**	**0.0383**	**0.0000**	**196.5386**	**196.5386**	**8.7400e-003**	**0.0000**	**196.7572**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	0.8409	0.8412	1.5500e-003		0.0414	0.0414		0.0396	0.0396	0.0000	134.7207	134.7207	0.0237	0.0000	135.3129
Total	**0.0862**	**0.8409**	**0.8412**	**1.5500e-003**		**0.0414**	**0.0414**		**0.0396**	**0.0396**	**0.0000**	**134.7207**	**134.7207**	**0.0237**	**0.0000**	**135.3129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.3977	0.0983	1.0800e-003	0.0273	7.3000e-004	0.0281	7.8800e-003	7.0000e-004	8.5800e-003	0.0000	104.9057	104.9057	6.4400e-003	0.0000	105.0667
Worker	0.0389	0.0277	0.3200	1.0100e-003	0.1091	7.9000e-004	0.1099	0.0290	7.3000e-004	0.0297	0.0000	91.6329	91.6329	2.3000e-003	0.0000	91.6905
Total	**0.0505**	**0.4254**	**0.4183**	**2.0900e-003**	**0.1364**	**1.5200e-003**	**0.1380**	**0.0369**	**1.4300e-003**	**0.0383**	**0.0000**	**196.5386**	**196.5386**	**8.7400e-003**	**0.0000**	**196.7572**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7800e-003	0.0189	0.0215	3.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	2.3528	2.3528	3.1000e-004	0.0000	2.3604
Total	**3.7800e-003**	**0.0189**	**0.0215**	**3.0000e-005**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**	**0.0000**	**2.3528**	**2.3528**	**3.1000e-004**	**0.0000**	**2.3604**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7800e-003	0.0189	0.0215	3.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	2.3528	2.3528	3.1000e-004	0.0000	2.3604
Total	**3.7800e-003**	**0.0189**	**0.0215**	**3.0000e-005**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**	**0.0000**	**2.3528**	**2.3528**	**3.1000e-004**	**0.0000**	**2.3604**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0139	0.0161	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.7881	1.7881	2.1000e-004	0.0000	1.7934
Total	**2.6300e-003**	**0.0139**	**0.0161**	**2.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**1.7881**	**1.7881**	**2.1000e-004**	**0.0000**	**1.7934**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0139	0.0161	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.7881	1.7881	2.1000e-004	0.0000	1.7934
Total	**2.6300e-003**	**0.0139**	**0.0161**	**2.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**1.7881**	**1.7881**	**2.1000e-004**	**0.0000**	**1.7934**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5200e-003	0.0392	0.0766	1.2000e-004		7.3000e-004	7.3000e-004		6.7000e-004	6.7000e-004	0.0000	10.3268	10.3268	3.3400e-003	0.0000	10.4103
Total	**2.5200e-003**	**0.0392**	**0.0766**	**1.2000e-004**		**7.3000e-004**	**7.3000e-004**		**6.7000e-004**	**6.7000e-004**	**0.0000**	**10.3268**	**10.3268**	**3.3400e-003**	**0.0000**	**10.4103**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5200e-003	0.0392	0.0766	1.2000e-004		7.3000e-004	7.3000e-004		6.7000e-004	6.7000e-004	0.0000	10.3268	10.3268	3.3400e-003	0.0000	10.4103
Total	**2.5200e-003**	**0.0392**	**0.0766**	**1.2000e-004**		**7.3000e-004**	**7.3000e-004**		**6.7000e-004**	**6.7000e-004**	**0.0000**	**10.3268**	**10.3268**	**3.3400e-003**	**0.0000**	**10.4103**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1600e-003	0.0114	0.0148	2.0000e-005		5.8000e-004	5.8000e-004		5.4000e-004	5.4000e-004	0.0000	1.9807	1.9807	6.3000e-004	0.0000	1.9964
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1600e-003**	**0.0114**	**0.0148**	**2.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**1.9807**	**1.9807**	**6.3000e-004**	**0.0000**	**1.9964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.7000e-003	1.0000e-005	9.2000e-004	1.0000e-005	9.3000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7740	0.7740	2.0000e-005	0.0000	0.7745
Total	**3.3000e-004**	**2.3000e-004**	**2.7000e-003**	**1.0000e-005**	**9.2000e-004**	**1.0000e-005**	**9.3000e-004**	**2.4000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**0.7740**	**0.7740**	**2.0000e-005**	**0.0000**	**0.7745**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1600e-003	0.0114	0.0148	2.0000e-005		5.8000e-004	5.8000e-004		5.4000e-004	5.4000e-004	0.0000	1.9807	1.9807	6.3000e-004	0.0000	1.9964
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1600e-003**	**0.0114**	**0.0148**	**2.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**1.9807**	**1.9807**	**6.3000e-004**	**0.0000**	**1.9964**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.7000e-003	1.0000e-005	9.2000e-004	1.0000e-005	9.3000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.7740	0.7740	2.0000e-005	0.0000	0.7745
Total	**3.3000e-004**	**2.3000e-004**	**2.7000e-003**	**1.0000e-005**	**9.2000e-004**	**1.0000e-005**	**9.3000e-004**	**2.4000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**0.7740**	**0.7740**	**2.0000e-005**	**0.0000**	**0.7745**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7000e-004	2.6200e-003	3.6900e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4953	0.4953	1.6000e-004	0.0000	0.4992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**2.6200e-003**	**3.6900e-003**	**1.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.4953**	**0.4953**	**1.6000e-004**	**0.0000**	**0.4992**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.2000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1863	0.1863	0.0000	0.0000	0.1864
Total	**8.0000e-005**	**5.0000e-005**	**6.2000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1863**	**0.1863**	**0.0000**	**0.0000**	**0.1864**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7000e-004	2.6200e-003	3.6900e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4953	0.4953	1.6000e-004	0.0000	0.4992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**2.6200e-003**	**3.6900e-003**	**1.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.4953**	**0.4953**	**1.6000e-004**	**0.0000**	**0.4992**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.2000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1863	0.1863	0.0000	0.0000	0.1864
Total	**8.0000e-005**	**5.0000e-005**	**6.2000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1863**	**0.1863**	**0.0000**	**0.0000**	**0.1864**

3.9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4400e-003	9.7700e-003	0.0136	2.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9178
Total	**0.2012**	**9.7700e-003**	**0.0136**	**2.0000e-005**		**5.3000e-004**	**5.3000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**1.9149**	**1.9149**	**1.1000e-004**	**0.0000**	**1.9178**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.0000e-004	3.5600e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0644	1.0644	3.0000e-005	0.0000	1.0651
Total	**4.4000e-004**	**3.0000e-004**	**3.5600e-003**	**1.0000e-005**	**1.3200e-003**	**1.0000e-005**	**1.3300e-003**	**3.5000e-004**	**1.0000e-005**	**3.6000e-004**	**0.0000**	**1.0644**	**1.0644**	**3.0000e-005**	**0.0000**	**1.0651**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4400e-003	9.7700e-003	0.0136	2.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9178
Total	**0.2012**	**9.7700e-003**	**0.0136**	**2.0000e-005**		**5.3000e-004**	**5.3000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**1.9149**	**1.9149**	**1.1000e-004**	**0.0000**	**1.9178**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.0000e-004	3.5600e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0644	1.0644	3.0000e-005	0.0000	1.0651
Total	**4.4000e-004**	**3.0000e-004**	**3.5600e-003**	**1.0000e-005**	**1.3200e-003**	**1.0000e-005**	**1.3300e-003**	**3.5000e-004**	**1.0000e-005**	**3.6000e-004**	**0.0000**	**1.0644**	**1.0644**	**3.0000e-005**	**0.0000**	**1.0651**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2123	1.0399	2.4695	9.7200e-003	0.8406	7.0600e-003	0.8477	0.2252	6.5700e-003	0.2318	0.0000	900.9299	900.9299	0.0419	0.0000	901.9780
Unmitigated	0.2379	1.1854	3.1254	0.0128	1.1324	9.1800e-003	1.1416	0.3034	8.5300e-003	0.3120	0.0000	1,185.4249	1,185.4249	0.0528	0.0000	1,186.7460

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	562.61	139.57	24.08	1,103,013	818,779
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Research & Development	724.14	169.56	99.36	1,877,381	1,393,600
Total	1,286.75	309.13	123.44	2,980,394	2,212,379

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Research & Development	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Medical Office Building	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Other Non-Asphalt Surfaces	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Research & Development	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	4.8300e-003	0.0439	0.0369	2.6000e-004		3.3400e-003	3.3400e-003		3.3400e-003	3.3400e-003	0.0000	47.7902	47.7902	9.2000e-004	8.8000e-004	48.0742
NaturalGas Unmitigated	6.3300e-003	0.0575	0.0483	3.5000e-004		4.3700e-003	4.3700e-003		4.3700e-003	4.3700e-003	0.0000	62.6082	62.6082	1.2000e-003	1.1500e-003	62.9802

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	195833	1.0600e-003	9.6000e-003	8.0600e-003	6.0000e-005		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	10.4504	10.4504	2.0000e-004	1.9000e-004	10.5125
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	977400	5.2700e-003	0.0479	0.0403	2.9000e-004		3.6400e-003	3.6400e-003		3.6400e-003	3.6400e-003	0.0000	52.1578	52.1578	1.0000e-003	9.6000e-004	52.4677
Total		**6.3300e-003**	**0.0575**	**0.0483**	**3.5000e-004**		**4.3700e-003**	**4.3700e-003**		**4.3700e-003**	**4.3700e-003**	**0.0000**	**62.6082**	**62.6082**	**1.2000e-003**	**1.1500e-003**	**62.9802**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	139284	7.5000e-004	6.8300e-003	5.7400e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.4327	7.4327	1.4000e-004	1.4000e-004	7.4769
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	756270	4.0800e-003	0.0371	0.0311	2.2000e-004		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	40.3575	40.3575	7.7000e-004	7.4000e-004	40.5973
Total		**4.8300e-003**	**0.0439**	**0.0369**	**2.6000e-004**		**3.3400e-003**	**3.3400e-003**		**3.3400e-003**	**3.3400e-003**	**0.0000**	**47.7902**	**47.7902**	**9.1000e-004**	**8.8000e-004**	**48.0742**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	644600	0.0000	0.0000	0.0000	0.0000
Medical Office Building	244368	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Research & Development	599400	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	499240	0.0000	0.0000	0.0000	0.0000
Medical Office Building	202407	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	-16000	0.0000	0.0000	0.0000	0.0000
Research & Development	546950	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3099	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003
Unmitigated	0.3099	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2713					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.1000e-004	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003
Total	**0.3099**	**4.0000e-005**	**4.4400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**8.6400e-003**	**8.6400e-003**	**2.0000e-005**	**0.0000**	**9.2100e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2713					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.1000e-004	4.0000e-005	4.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.6400e-003	8.6400e-003	2.0000e-005	0.0000	9.2100e-003
Total	**0.3099**	**4.0000e-005**	**4.4400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**8.6400e-003**	**8.6400e-003**	**2.0000e-005**	**0.0000**	**9.2100e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.3379	0.7537	0.0178	31.4829
Unmitigated	9.1724	0.9421	0.0222	39.3536

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	2.36029 / 0.449579	0.7488	0.0769	1.8200e-003	3.2127
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	26.5515 / 0	8.4236	0.8652	0.0204	36.1408
Total		**9.1724**	**0.9421**	**0.0223**	**39.3536**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	1.88823 / 0.359663	0.5991	0.0615	1.4500e-003	2.5702
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	21.2412 / 0	6.7389	0.6921	0.0163	28.9127
Total		**7.3379**	**0.7537**	**0.0178**	**31.4829**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	54.4584	3.2184	0.0000	134.9184
Unmitigated	54.4584	3.2184	0.0000	134.9184

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	262.74	53.3339	3.1519	0.0000	132.1323
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Research & Development	5.54	1.1246	0.0665	0.0000	2.7861
Total		**54.4584**	**3.2184**	**0.0000**	**134.9184**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	262.74	53.3339	3.1519	0.0000	132.1323
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Research & Development	5.54	1.1246	0.0665	0.0000	2.7861
Total		**54.4584**	**3.2184**	**0.0000**	**134.9184**

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/8/2020 12:56 PM

Santa Monica Wellness Center
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	18.81	1000sqft	0.00	18,812.00	0
Research & Development	54.00	1000sqft	0.64	54,000.00	0
Enclosed Parking with Elevator	275.00	Space	0.00	110,000.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Santa Monica Wellness Center. SCAQMD. Adjust CO2 to meet 100% RPS consistent with the City and the Clean Power Alliance.

Land Use - Project includes 18.812 ksf in clinical/medical office, 54 ksf in research and development, and 275 parking spaces on a 1.03 acre site.

Construction Phase - Construction would last Spring 2021 (March) through January 2023.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Trips and VMT - Revised haul trips to include pavement demolition trips. Assumed 10 CY per load resulting in 11,600 haul trips. Rounded up number of trips. Assumed two water trucks during grading.

Demolition - 9,346 tons (existing buildings and parking lot).

Grading - 58,000 cy soil exported.

Architectural Coating - Use of low VOC architectural coatings (50 g/L)

Vehicle Trips - Revised trip rates to match daily trips per traffic analysis (Fehr and Peers).

Energy Use - Default energy use intensities assumed.

Water And Wastewater - Default water use assumed.

Solid Waste - Updated solid waste per City's SW gen rate of 4.2 lbs/employee.

Construction Off-road Equipment Mitigation - Comply with Rule 403 - water twice daily.

Mobile Land Use Mitigation - Increase transit accessability and improve pedestrian network.

Energy Mitigation - Assumed compliance with Title 24 2019 standards. Per City's Solar Ordinance, at minimum 40 kWh of PV panels required.

Water Mitigation - 20% indoor/outdoor reduction in water assumed for CALGreen compliance.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,406.00	39,291.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,218.00	117,872.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	36406	39291
tblAreaCoating	Area_Nonresidential_Interior	109218	117872
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	4.00	161.00
tblConstructionPhase	NumDays	4.00	80.00
tblConstructionPhase	NumDays	200.00	280.00

tblConstructionPhase	NumDays	200.00	44.00
tblConstructionPhase	NumDays	200.00	140.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	10.00	15.00
tblGrading	AcresOfGrading	60.38	1.50
tblGrading	MaterialExported	0.00	58,000.00
tblLandUse	LandUseSquareFeet	18,810.00	18,812.00
tblLandUse	LotAcreage	0.43	0.00
tblLandUse	LotAcreage	1.24	0.64
tblLandUse	LotAcreage	2.47	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction 2
tblOffRoadEquipment	PhaseName		Grading 2
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	5.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	702.44	0

tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblSolidWaste	SolidWasteGenerationRate	203.15	262.74
tblSolidWaste	SolidWasteGenerationRate	4.10	5.54
tblTripsAndVMT	HaulingTripNumber	924.00	164.00
tblTripsAndVMT	HaulingTripNumber	7,250.00	11,600.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	33.00	34.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	8.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	78.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	8.96	7.42
tblVehicleTrips	ST_TR	1.90	3.14
tblVehicleTrips	SU_TR	1.55	1.28
tblVehicleTrips	SU_TR	1.11	1.84
tblVehicleTrips	WD_TR	36.13	29.91
tblVehicleTrips	WD_TR	8.11	13.41

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4721	26.3857	12.0995	0.0703	10.7663	0.4650	11.1082	1.6588	0.4473	1.9788	0.0000	7,451.3516	7,451.3516	0.8207	0.0000	7,471.8695
2022	1.3590	12.3626	14.0829	0.0361	1.2460	0.4455	1.6915	0.3354	0.4222	0.7575	0.0000	3,591.7627	3,591.7627	0.4510	0.0000	3,603.0381
2023	26.8872	1.7813	2.9083	5.2500e-003	0.1788	0.0874	0.2509	0.0474	0.0807	0.1222	0.0000	507.8814	507.8814	0.1183	0.0000	510.8400
Maximum	**26.8872**	**26.3857**	**14.0829**	**0.0703**	**10.7663**	**0.4650**	**11.1082**	**1.6588**	**0.4473**	**1.9788**	**0.0000**	**7,451.3516**	**7,451.3516**	**0.8207**	**0.0000**	**7,471.8695**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4721	26.3857	12.0995	0.0703	4.9770	0.4650	5.3189	0.7822	0.4473	1.1022	0.0000	7,451.3516	7,451.3516	0.8207	0.0000	7,471.8695
2022	1.3590	12.3626	14.0829	0.0361	1.2460	0.4455	1.6915	0.3354	0.4222	0.7575	0.0000	3,591.7627	3,591.7627	0.4510	0.0000	3,603.0381
2023	26.8872	1.7813	2.9083	5.2500e-003	0.1788	0.0874	0.2509	0.0474	0.0807	0.1222	0.0000	507.8814	507.8814	0.1183	0.0000	510.8400
Maximum	**26.8872**	**26.3857**	**14.0829**	**0.0703**	**4.9770**	**0.4650**	**5.3189**	**0.7822**	**0.4473**	**1.1022**	**0.0000**	**7,451.3516**	**7,451.3516**	**0.8207**	**0.0000**	**7,471.8695**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**47.49**	**0.00**	**44.36**	**42.94**	**0.00**	**30.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Energy	0.0347	0.3151	0.2647	1.8900e-003		0.0240	0.0240		0.0240	0.0240		378.1573	378.1573	7.2500e-003	6.9300e-003	380.4045
Mobile	1.8523	8.2682	23.6863	0.0960	8.3048	0.0660	8.3708	2.2218	0.0614	2.2832		9,787.1183	9,787.1183	0.4221		9,797.6705
Total	**3.5862**	**8.5836**	**23.9865**	**0.0979**	**8.3048**	**0.0901**	**8.3949**	**2.2218**	**0.0855**	**2.3073**		**10,165.3518**	**10,165.3518**	**0.4295**	**6.9300e-003**	**10,178.1561**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Energy	0.0265	0.2406	0.2021	1.4400e-003		0.0183	0.0183		0.0183	0.0183		288.6556	288.6556	5.5300e-003	5.2900e-003	290.3710
Mobile	1.6642	7.2991	18.5234	0.0729	6.1647	0.0508	6.2156	1.6493	0.0472	1.6965		7,439.1955	7,439.1955	0.3334		7,447.5302
Total	**3.3898**	**7.5400**	**18.7610**	**0.0743**	**6.1647**	**0.0692**	**6.2340**	**1.6493**	**0.0656**	**1.7149**		**7,727.9273**	**7,727.9273**	**0.3391**	**5.2900e-003**	**7,737.9824**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**5.48**	**12.16**	**21.79**	**24.04**	**25.77**	**23.19**	**25.74**	**25.77**	**23.22**	**25.67**	**0.00**	**23.98**	**23.98**	**21.05**	**23.67**	**23.97**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/22/2021	4/15/2021	5	19	
2	Grading	Grading	4/16/2021	11/26/2021	5	161	
3	Grading 2	Grading	5/24/2021	9/10/2021	5	80	bore/drill rig
4	Building Construction	Building Construction	11/29/2021	12/23/2022	5	280	
5	Building Construction 3	Building Construction	11/29/2021	1/27/2022	5	44	welders
6	Building Construction 2	Building Construction	6/13/2022	12/23/2022	5	140	aerial lift
7	Paving	Paving	12/15/2022	1/4/2023	5	15	
8	Architectural Coating	Architectural Coating	1/9/2023	1/27/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.39

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 117,872; Non-Residential Outdoor: 39,291; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	3.00	81	0.73
Demolition	Rubber Tired Dozers	1	3.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	5.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading 2	Bore/Drill Rigs	1	5.00	221	0.50
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	4.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	5.00	97	0.37

Building Construction 3	Welders	2	4.00	46	0.45
Building Construction 2	Aerial Lifts	1	8.00	63	0.31
Paving	Cement and Mortar Mixers	1	2.00	9	0.56
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Rollers	1	2.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	2.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	164.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	2	8.00	4.00	11,600.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	78.00	34.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	14.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5261	0.0000	10.5261	1.5937	0.0000	1.5937			0.0000			0.0000
Off-Road	0.6537	6.4383	4.3046	7.4900e-003		0.3345	0.3345		0.3129	0.3129		720.5689	720.5689	0.1741		724.9207
Total	**0.6537**	**6.4383**	**4.3046**	**7.4900e-003**	**10.5261**	**0.3345**	**10.8605**	**1.5937**	**0.3129**	**1.9066**		**720.5689**	**720.5689**	**0.1741**		**724.9207**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0626	2.1837	0.4622	6.6200e-003	0.1508	6.7700e-003	0.1576	0.0413	6.4800e-003	0.0478		716.0236	716.0236	0.0478		717.2179
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
Total	**0.0964**	**2.2056**	**0.7636**	**7.5100e-003**	**0.2403**	**7.4300e-003**	**0.2477**	**0.0650**	**7.0900e-003**	**0.0721**		**804.6159**	**804.6159**	**0.0502**		**805.8697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7367	0.0000	4.7367	0.7172	0.0000	0.7172			0.0000			0.0000
Off-Road	0.6537	6.4383	4.3046	7.4900e-003		0.3345	0.3345		0.3129	0.3129	0.0000	720.5689	720.5689	0.1741		724.9207
Total	**0.6537**	**6.4383**	**4.3046**	**7.4900e-003**	**4.7367**	**0.3345**	**5.0712**	**0.7172**	**0.3129**	**1.0301**	**0.0000**	**720.5689**	**720.5689**	**0.1741**		**724.9207**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0626	2.1837	0.4622	6.6200e-003	0.1508	6.7700e-003	0.1576	0.0413	6.4800e-003	0.0478		716.0236	716.0236	0.0478		717.2179
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
Total	**0.0964**	**2.2056**	**0.7636**	**7.5100e-003**	**0.2403**	**7.4300e-003**	**0.2477**	**0.0650**	**7.0900e-003**	**0.0721**		**804.6159**	**804.6159**	**0.0502**		**805.8697**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0506	0.0000	0.0506	7.2400e-003	0.0000	7.2400e-003			0.0000			0.0000
Off-Road	0.4802	5.8653	3.0206	7.3000e-003		0.2246	0.2246		0.2066	0.2066		706.9381	706.9381	0.2286		712.6541
Total	**0.4802**	**5.8653**	**3.0206**	**7.3000e-003**	**0.0506**	**0.2246**	**0.2752**	**7.2400e-003**	**0.2066**	**0.2139**		**706.9381**	**706.9381**	**0.2286**		**712.6541**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5228	18.2278	3.8584	0.0552	1.2590	0.0565	1.3155	0.3450	0.0541	0.3991		5,976.8068	5,976.8068	0.3987		5,986.7753
Vendor	0.0111	0.3815	0.0905	1.0200e-003	0.0256	7.7000e-004	0.0264	7.3700e-003	7.3000e-004	8.1000e-003		108.9754	108.9754	6.5900e-003		109.1402
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
Total	**0.5677**	**18.6312**	**4.2504**	**0.0571**	**1.3740**	**0.0579**	**1.4319**	**0.3761**	**0.0554**	**0.4315**		**6,174.3745**	**6,174.3745**	**0.4077**		**6,184.5673**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0228	0.0000	0.0228	3.2600e-003	0.0000	3.2600e-003			0.0000			0.0000
Off-Road	0.4802	5.8653	3.0206	7.3000e-003		0.2246	0.2246		0.2066	0.2066	0.0000	706.9381	706.9381	0.2286		712.6541
Total	**0.4802**	**5.8653**	**3.0206**	**7.3000e-003**	**0.0228**	**0.2246**	**0.2474**	**3.2600e-003**	**0.2066**	**0.2099**	**0.0000**	**706.9381**	**706.9381**	**0.2286**		**712.6541**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5228	18.2278	3.8584	0.0552	1.2590	0.0565	1.3155	0.3450	0.0541	0.3991		5,976.8068	5,976.8068	0.3987		5,986.7753
Vendor	0.0111	0.3815	0.0905	1.0200e-003	0.0256	7.7000e-004	0.0264	7.3700e-003	7.3000e-004	8.1000e-003		108.9754	108.9754	6.5900e-003		109.1402
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		88.5923	88.5923	2.3800e-003		88.6518
Total	**0.5677**	**18.6312**	**4.2504**	**0.0571**	**1.3740**	**0.0579**	**1.4319**	**0.3761**	**0.0554**	**0.4315**		**6,174.3745**	**6,174.3745**	**0.4077**		**6,184.5673**

3.4 Grading 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1614	1.8892	1.2962	5.8900e-003		0.0573	0.0573		0.0527	0.0527		570.0390	570.0390	0.1844		574.6481
Total	**0.1614**	**1.8892**	**1.2962**	**5.8900e-003**	**0.0000**	**0.0573**	**0.0573**	**0.0000**	**0.0527**	**0.0527**		**570.0390**	**570.0390**	**0.1844**		**574.6481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1614	1.8892	1.2962	5.8900e-003		0.0573	0.0573		0.0527	0.0527	0.0000	570.0390	570.0390	0.1844		574.6481
Total	**0.1614**	**1.8892**	**1.2962**	**5.8900e-003**	**0.0000**	**0.0573**	**0.0573**	**0.0000**	**0.0527**	**0.0527**	**0.0000**	**570.0390**	**570.0390**	**0.1844**		**574.6481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7456	7.3653	6.6727	0.0122		0.3779	0.3779		0.3611	0.3611		1,164.4819	1,164.4819	0.2069		1,169.6546
Total	**0.7456**	**7.3653**	**6.6727**	**0.0122**		**0.3779**	**0.3779**		**0.3611**	**0.3611**		**1,164.4819**	**1,164.4819**	**0.2069**		**1,169.6546**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0946	3.2428	0.7695	8.6800e-003	0.2176	6.5300e-003	0.2241	0.0627	6.2500e-003	0.0689		926.2908	926.2908	0.0560		927.6916
Worker	0.3293	0.2135	2.9385	8.6700e-003	0.8719	6.4200e-003	0.8783	0.2312	5.9100e-003	0.2371		863.7746	863.7746	0.0232		864.3553
Total	**0.4239**	**3.4563**	**3.7080**	**0.0174**	**1.0895**	**0.0130**	**1.1024**	**0.2939**	**0.0122**	**0.3060**		**1,790.0654**	**1,790.0654**	**0.0793**		**1,792.0469**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7456	7.3653	6.6727	0.0122		0.3779	0.3779		0.3611	0.3611	0.0000	1,164.4819	1,164.4819	0.2069		1,169.6546
Total	**0.7456**	**7.3653**	**6.6727**	**0.0122**		**0.3779**	**0.3779**		**0.3611**	**0.3611**	**0.0000**	**1,164.4819**	**1,164.4819**	**0.2069**		**1,169.6546**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0946	3.2428	0.7695	8.6800e-003	0.2176	6.5300e-003	0.2241	0.0627	6.2500e-003	0.0689		926.2908	926.2908	0.0560		927.6916
Worker	0.3293	0.2135	2.9385	8.6700e-003	0.8719	6.4200e-003	0.8783	0.2312	5.9100e-003	0.2371		863.7746	863.7746	0.0232		864.3553
Total	**0.4239**	**3.4563**	**3.7080**	**0.0174**	**1.0895**	**0.0130**	**1.1024**	**0.2939**	**0.0122**	**0.3060**		**1,790.0654**	**1,790.0654**	**0.0793**		**1,792.0469**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6762	6.5951	6.5977	0.0122		0.3250	0.3250		0.3108	0.3108		1,164.7395	1,164.7395	0.2048		1,169.8595
Total	**0.6762**	**6.5951**	**6.5977**	**0.0122**		**0.3250**	**0.3250**		**0.3108**	**0.3108**		**1,164.7395**	**1,164.7395**	**0.2048**		**1,169.8595**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0887	3.0781	0.7273	8.5900e-003	0.2176	5.6600e-003	0.2233	0.0627	5.4100e-003	0.0681		918.2010	918.2010	0.0539		919.5496
Worker	0.3088	0.1929	2.7172	8.3600e-003	0.8719	6.2300e-003	0.8781	0.2312	5.7400e-003	0.2370		832.8247	832.8247	0.0210		833.3495
Total	**0.3976**	**3.2710**	**3.4444**	**0.0170**	**1.0895**	**0.0119**	**1.1014**	**0.2939**	**0.0112**	**0.3050**		**1,751.0257**	**1,751.0257**	**0.0749**		**1,752.8991**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6762	6.5951	6.5977	0.0122		0.3250	0.3250		0.3108	0.3108	0.0000	1,164.7395	1,164.7395	0.2048		1,169.8595
Total	**0.6762**	**6.5951**	**6.5977**	**0.0122**		**0.3250**	**0.3250**		**0.3108**	**0.3108**	**0.0000**	**1,164.7395**	**1,164.7395**	**0.2048**		**1,169.8595**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0887	3.0781	0.7273	8.5900e-003	0.2176	5.6600e-003	0.2233	0.0627	5.4100e-003	0.0681		918.2010	918.2010	0.0539		919.5496
Worker	0.3088	0.1929	2.7172	8.3600e-003	0.8719	6.2300e-003	0.8781	0.2312	5.7400e-003	0.2370		832.8247	832.8247	0.0210		833.3495
Total	**0.3976**	**3.2710**	**3.4444**	**0.0170**	**1.0895**	**0.0119**	**1.1014**	**0.2939**	**0.0112**	**0.3050**		**1,751.0257**	**1,751.0257**	**0.0749**		**1,752.8991**

3.6 Building Construction 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3027	1.5089	1.7188	2.5600e-003		0.0741	0.0741		0.0741	0.0741		207.4777	207.4777	0.0270		208.1531
Total	**0.3027**	**1.5089**	**1.7188**	**2.5600e-003**		**0.0741**	**0.0741**		**0.0741**	**0.0741**		**207.4777**	**207.4777**	**0.0270**		**208.1531**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3027	1.5089	1.7188	2.5600e-003		0.0741	0.0741		0.0741	0.0741	0.0000	207.4777	207.4777	0.0270		208.1531
Total	**0.3027**	**1.5089**	**1.7188**	**2.5600e-003**		**0.0741**	**0.0741**		**0.0741**	**0.0741**	**0.0000**	**207.4777**	**207.4777**	**0.0270**		**208.1531**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2767	1.4629	1.6958	2.5600e-003		0.0639	0.0639		0.0639	0.0639		207.4777	207.4777	0.0248		208.0984
Total	**0.2767**	**1.4629**	**1.6958**	**2.5600e-003**		**0.0639**	**0.0639**		**0.0639**	**0.0639**		**207.4777**	**207.4777**	**0.0248**		**208.0984**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2767	1.4629	1.6958	2.5600e-003		0.0639	0.0639		0.0639	0.0639	0.0000	207.4777	207.4777	0.0248		208.0984
Total	**0.2767**	**1.4629**	**1.6958**	**2.5600e-003**		**0.0639**	**0.0639**		**0.0639**	**0.0639**	**0.0000**	**207.4777**	**207.4777**	**0.0248**		**208.0984**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0361	0.5603	1.0940	1.6800e-003		0.0104	0.0104		9.5700e-003	9.5700e-003		162.6199	162.6199	0.0526		163.9347
Total	**0.0361**	**0.5603**	**1.0940**	**1.6800e-003**		**0.0104**	**0.0104**		**9.5700e-003**	**9.5700e-003**		**162.6199**	**162.6199**	**0.0526**		**163.9347**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0361	0.5603	1.0940	1.6800e-003		0.0104	0.0104		9.5700e-003	9.5700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
Total	**0.0361**	**0.5603**	**1.0940**	**1.6800e-003**		**0.0104**	**0.0104**		**9.5700e-003**	**9.5700e-003**	**0.0000**	**162.6199**	**162.6199**	**0.0526**		**163.9347**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1937	1.9016	2.4592	3.8100e-003		0.0971	0.0971		0.0896	0.0896		363.8964	363.8964	0.1149		366.7693
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1937**	**1.9016**	**2.4592**	**3.8100e-003**		**0.0971**	**0.0971**		**0.0896**	**0.0896**		**363.8964**	**363.8964**	**0.1149**		**366.7693**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0346	0.4877	1.5000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		149.4814	149.4814	3.7700e-003		149.5756
Total	**0.0554**	**0.0346**	**0.4877**	**1.5000e-003**	**0.1565**	**1.1200e-003**	**0.1576**	**0.0415**	**1.0300e-003**	**0.0425**		**149.4814**	**149.4814**	**3.7700e-003**		**149.5756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1937	1.9016	2.4592	3.8100e-003		0.0971	0.0971		0.0896	0.0896	0.0000	363.8964	363.8964	0.1149		366.7693
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1937**	**1.9016**	**2.4592**	**3.8100e-003**		**0.0971**	**0.0971**		**0.0896**	**0.0896**	**0.0000**	**363.8964**	**363.8964**	**0.1149**		**366.7693**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0346	0.4877	1.5000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		149.4814	149.4814	3.7700e-003		149.5756
Total	**0.0554**	**0.0346**	**0.4877**	**1.5000e-003**	**0.1565**	**1.1200e-003**	**0.1576**	**0.0415**	**1.0300e-003**	**0.0425**		**149.4814**	**149.4814**	**3.7700e-003**		**149.5756**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1816	1.7499	2.4580	3.8100e-003		0.0863	0.0863		0.0797	0.0797		363.9712	363.9712	0.1149		366.8448
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1816**	**1.7499**	**2.4580**	**3.8100e-003**		**0.0863**	**0.0863**		**0.0797**	**0.0797**		**363.9712**	**363.9712**	**0.1149**		**366.8448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0521	0.0313	0.4504	1.4400e-003	0.1565	1.0900e-003	0.1576	0.0415	1.0000e-003	0.0425		143.9102	143.9102	3.4000e-003		143.9952
Total	**0.0521**	**0.0313**	**0.4504**	**1.4400e-003**	**0.1565**	**1.0900e-003**	**0.1576**	**0.0415**	**1.0000e-003**	**0.0425**		**143.9102**	**143.9102**	**3.4000e-003**		**143.9952**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1816	1.7499	2.4580	3.8100e-003		0.0863	0.0863		0.0797	0.0797	0.0000	363.9712	363.9712	0.1149		366.8448
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1816**	**1.7499**	**2.4580**	**3.8100e-003**		**0.0863**	**0.0863**		**0.0797**	**0.0797**	**0.0000**	**363.9712**	**363.9712**	**0.1149**		**366.8448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0521	0.0313	0.4504	1.4400e-003	0.1565	1.0900e-003	0.1576	0.0415	1.0000e-003	0.0425		143.9102	143.9102	3.4000e-003		143.9952
Total	**0.0521**	**0.0313**	**0.4504**	**1.4400e-003**	**0.1565**	**1.0900e-003**	**0.1576**	**0.0415**	**1.0000e-003**	**0.0425**		**143.9102**	**143.9102**	**3.4000e-003**		**143.9952**

3.9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6360					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**26.8276**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0596	0.0358	0.5147	1.6500e-003	0.1788	1.2500e-003	0.1801	0.0474	1.1500e-003	0.0486		164.4688	164.4688	3.8800e-003		164.5659
Total	**0.0596**	**0.0358**	**0.5147**	**1.6500e-003**	**0.1788**	**1.2500e-003**	**0.1801**	**0.0474**	**1.1500e-003**	**0.0486**		**164.4688**	**164.4688**	**3.8800e-003**		**164.5659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6360					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**26.8276**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0596	0.0358	0.5147	1.6500e-003	0.1788	1.2500e-003	0.1801	0.0474	1.1500e-003	0.0486		164.4688	164.4688	3.8800e-003		164.5659
Total	**0.0596**	**0.0358**	**0.5147**	**1.6500e-003**	**0.1788**	**1.2500e-003**	**0.1801**	**0.0474**	**1.1500e-003**	**0.0486**		**164.4688**	**164.4688**	**3.8800e-003**		**164.5659**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6642	7.2991	18.5234	0.0729	6.1647	0.0508	6.2156	1.6493	0.0472	1.6965		7,439.1955	7,439.1955	0.3334		7,447.5302
Unmitigated	1.8523	8.2682	23.6863	0.0960	8.3048	0.0660	8.3708	2.2218	0.0614	2.2832		9,787.1183	9,787.1183	0.4221		9,797.6705

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	562.61	139.57	24.08	1,103,013	818,779
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Research & Development	724.14	169.56	99.36	1,877,381	1,393,600
Total	1,286.75	309.13	123.44	2,980,394	2,212,379

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Research & Development	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Medical Office Building	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Other Non-Asphalt Surfaces	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Research & Development	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0265	0.2406	0.2021	1.4400e-003		0.0183	0.0183		0.0183	0.0183		288.6556	288.6556	5.5300e-003	5.2900e-003	290.3710
NaturalGas Unmitigated	0.0347	0.3151	0.2647	1.8900e-003		0.0240	0.0240		0.0240	0.0240		378.1573	378.1573	7.2500e-003	6.9300e-003	380.4045

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	536.529	5.7900e-003	0.0526	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1210	63.1210	1.2100e-003	1.1600e-003	63.4961
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	2677.81	0.0289	0.2625	0.2205	1.5800e-003		0.0200	0.0200		0.0200	0.0200		315.0363	315.0363	6.0400e-003	5.7800e-003	316.9084
Total		**0.0347**	**0.3151**	**0.2647**	**1.9000e-003**		**0.0240**	**0.0240**		**0.0240**	**0.0240**		**378.1573**	**378.1573**	**7.2500e-003**	**6.9400e-003**	**380.4045**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.3816	4.1200e-003	0.0374	0.0314	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003		44.8941	44.8941	8.6000e-004	8.2000e-004	45.1609
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	2.07197	0.0223	0.2031	0.1706	1.2200e-003		0.0154	0.0154		0.0154	0.0154		243.7615	243.7615	4.6700e-003	4.4700e-003	245.2100
Total		**0.0265**	**0.2405**	**0.2021**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**		**288.6556**	**288.6556**	**5.5300e-003**	**5.2900e-003**	**290.3710**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Unmitigated	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2093					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2800e-003	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Total	**1.6992**	**3.2000e-004**	**0.0355**	**0.0000**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**		**0.0762**	**0.0762**	**2.0000e-004**		**0.0812**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2093					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2800e-003	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Total	**1.6992**	**3.2000e-004**	**0.0355**	**0.0000**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**		**0.0762**	**0.0762**	**2.0000e-004**		**0.0812**

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/8/2020 12:55 PM

Santa Monica Wellness Center
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	18.81	1000sqft	0.00	18,812.00	0
Research & Development	54.00	1000sqft	0.64	54,000.00	0
Enclosed Parking with Elevator	275.00	Space	0.00	110,000.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Santa Monica Wellness Center. SCAQMD. Adjust CO2 to meet 100% RPS consistent with the City and the Clean Power Alliance.

Land Use - Project includes 18.812 ksf in clinical/medical office, 54 ksf in research and development, and 275 parking spaces on a 1.03 acre site.

Construction Phase - Construction would last Spring 2021 (March) through January 2023.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Trips and VMT - Revised haul trips to include pavement demolition trips. Assumed 10 CY per load resulting in 11,600 haul trips. Rounded up number of trips. Assumed two water trucks during grading.

Demolition - 9,346 tons (existing buildings and parking lot).

Grading - 58,000 cy soil exported.

Architectural Coating - Use of low VOC architectural coatings (50 g/L)

Vehicle Trips - Revised trip rates to match daily trips per traffic analysis (Fehr and Peers).

Area Coating -

Energy Use - Default energy use intensities assumed.

Water And Wastewater - Default water use assumed.

Solid Waste - Updated solid waste per City's SW gen rate of 4.2 lbs/employee.

Construction Off-road Equipment Mitigation - Comply with Rule 403 - water twice daily.

Mobile Land Use Mitigation - Increase transit accessability and improve pedestrian network.

Energy Mitigation - Assumed compliance with Title 24 2019 standards. Per City's Solar Ordinance, at minimum 40 kWh of PV panels required.

Water Mitigation - 20% indoor/outdoor reduction in water assumed for CALGreen compliance.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	36,406.00	39,291.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	109,218.00	117,872.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	36406	39291
tblAreaCoating	Area_Nonresidential_Interior	109218	117872
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	4.00	161.00
tblConstructionPhase	NumDays	4.00	80.00
tblConstructionPhase	NumDays	200.00	280.00

tblConstructionPhase	NumDays	200.00	44.00
tblConstructionPhase	NumDays	200.00	140.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	10.00	15.00
tblGrading	AcresOfGrading	60.38	1.50
tblGrading	MaterialExported	0.00	58,000.00
tblLandUse	LandUseSquareFeet	18,810.00	18,812.00
tblLandUse	LotAcreage	0.43	0.00
tblLandUse	LotAcreage	1.24	0.64
tblLandUse	LotAcreage	2.47	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Building Construction 2
tblOffRoadEquipment	PhaseName		Grading 2
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	2.00
tblOffRoadEquipment	UsageHours	8.00	3.00
tblOffRoadEquipment	UsageHours	6.00	5.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	702.44	0

tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblSolidWaste	SolidWasteGenerationRate	203.15	262.74
tblSolidWaste	SolidWasteGenerationRate	4.10	5.54
tblTripsAndVMT	HaulingTripNumber	924.00	164.00
tblTripsAndVMT	HaulingTripNumber	7,250.00	11,600.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	33.00	34.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	VendorTripNumber	33.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	8.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	78.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	77.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	8.96	7.42
tblVehicleTrips	ST_TR	1.90	3.14
tblVehicleTrips	SU_TR	1.55	1.28
tblVehicleTrips	SU_TR	1.11	1.84
tblVehicleTrips	WD_TR	36.13	29.91
tblVehicleTrips	WD_TR	8.11	13.41

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.5075	26.6033	11.8933	0.0692	10.7663	0.4652	11.1083	1.6588	0.4475	1.9789	0.0000	7,331.9027	7,331.9027	0.8379	0.0000	7,352.8497
2022	1.3985	12.3718	13.8399	0.0352	1.2460	0.4457	1.6917	0.3354	0.4223	0.7577	0.0000	3,501.3697	3,501.3697	0.4533	0.0000	3,512.7013
2023	26.8931	1.7842	2.8611	5.1600e-003	0.1788	0.0874	0.2509	0.0474	0.0807	0.1222	0.0000	498.5527	498.5527	0.1181	0.0000	501.5053
Maximum	**26.8931**	**26.6033**	**13.8399**	**0.0692**	**10.7663**	**0.4652**	**11.1083**	**1.6588**	**0.4475**	**1.9789**	**0.0000**	**7,331.9027**	**7,331.9027**	**0.8379**	**0.0000**	**7,352.8497**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.5075	26.6033	11.8933	0.0692	4.9770	0.4652	5.3190	0.7822	0.4475	1.1023	0.0000	7,331.9027	7,331.9027	0.8379	0.0000	7,352.8497
2022	1.3985	12.3718	13.8399	0.0352	1.2460	0.4457	1.6917	0.3354	0.4223	0.7577	0.0000	3,501.3697	3,501.3697	0.4533	0.0000	3,512.7013
2023	26.8931	1.7842	2.8611	5.1600e-003	0.1788	0.0874	0.2509	0.0474	0.0807	0.1222	0.0000	498.5527	498.5527	0.1181	0.0000	501.5053
Maximum	**26.8931**	**26.6033**	**13.8399**	**0.0692**	**4.9770**	**0.4652**	**5.3190**	**0.7822**	**0.4475**	**1.1023**	**0.0000**	**7,331.9027**	**7,331.9027**	**0.8379**	**0.0000**	**7,352.8497**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**47.49**	**0.00**	**44.36**	**42.94**	**0.00**	**30.66**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Energy	0.0347	0.3151	0.2647	1.8900e-003		0.0240	0.0240		0.0240	0.0240		378.1573	378.1573	7.2500e-003	6.9300e-003	380.4045
Mobile	1.7519	8.4021	22.1473	0.0908	8.3048	0.0664	8.3712	2.2218	0.0617	2.2835		9,271.7134	9,271.7134	0.4224		9,282.2738
Total	**3.4858**	**8.7176**	**22.4475**	**0.0927**	**8.3048**	**0.0904**	**8.3952**	**2.2218**	**0.0858**	**2.3076**		**9,649.9469**	**9,649.9469**	**0.4299**	**6.9300e-003**	**9,662.7595**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Energy	0.0265	0.2406	0.2021	1.4400e-003		0.0183	0.0183		0.0183	0.0183		288.6556	288.6556	5.5300e-003	5.2900e-003	290.3710
Mobile	1.5691	7.3753	17.5617	0.0689	6.1647	0.0511	6.2159	1.6493	0.0475	1.6968		7,039.3311	7,039.3311	0.3363		7,047.7375
Total	**3.2948**	**7.6162**	**17.7992**	**0.0704**	**6.1647**	**0.0695**	**6.2343**	**1.6493**	**0.0659**	**1.7152**		**7,328.0629**	**7,328.0629**	**0.3420**	**5.2900e-003**	**7,338.1896**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**5.48**	**12.63**	**20.71**	**24.11**	**25.77**	**23.11**	**25.74**	**25.77**	**23.13**	**25.67**	**0.00**	**24.06**	**24.06**	**20.44**	**23.67**	**24.06**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/22/2021	4/15/2021	5	19	
2	Grading	Grading	4/16/2021	11/26/2021	5	161	
3	Grading 2	Grading	5/24/2021	9/10/2021	5	80	bore/drill rig
4	Building Construction	Building Construction	11/29/2021	12/23/2022	5	280	
5	Building Construction 3	Building Construction	11/29/2021	1/27/2022	5	44	welders
6	Building Construction 2	Building Construction	6/13/2022	12/23/2022	5	140	aerial lift
7	Paving	Paving	12/15/2022	1/4/2023	5	15	
8	Architectural Coating	Architectural Coating	1/9/2023	1/27/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.39

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 117,872; Non-Residential Outdoor: 39,291; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	3.00	81	0.73
Demolition	Rubber Tired Dozers	1	3.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	5.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading 2	Bore/Drill Rigs	1	5.00	221	0.50
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	4.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	5.00	97	0.37

Building Construction 3	Welders	2	4.00	46	0.45
Building Construction 2	Aerial Lifts	1	8.00	63	0.31
Paving	Cement and Mortar Mixers	1	2.00	9	0.56
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Rollers	1	2.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	2.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	164.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	2	8.00	4.00	11,600.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	78.00	34.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	14.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5261	0.0000	10.5261	1.5937	0.0000	1.5937			0.0000			0.0000
Off-Road	0.6537	6.4383	4.3046	7.4900e-003		0.3345	0.3345		0.3129	0.3129		720.5689	720.5689	0.1741		724.9207
Total	**0.6537**	**6.4383**	**4.3046**	**7.4900e-003**	**10.5261**	**0.3345**	**10.8605**	**1.5937**	**0.3129**	**1.9066**		**720.5689**	**720.5689**	**0.1741**		**724.9207**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0644	2.2097	0.4962	6.4900e-003	0.1508	6.8700e-003	0.1577	0.0413	6.5700e-003	0.0479		702.7791	702.7791	0.0498		704.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
Total	**0.1013**	**2.2336**	**0.7671**	**7.3200e-003**	**0.2403**	**7.5300e-003**	**0.2478**	**0.0650**	**7.1800e-003**	**0.0722**		**785.6326**	**785.6326**	**0.0520**		**786.9327**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7367	0.0000	4.7367	0.7172	0.0000	0.7172			0.0000			0.0000
Off-Road	0.6537	6.4383	4.3046	7.4900e-003		0.3345	0.3345		0.3129	0.3129	0.0000	720.5689	720.5689	0.1741		724.9207
Total	**0.6537**	**6.4383**	**4.3046**	**7.4900e-003**	**4.7367**	**0.3345**	**5.0712**	**0.7172**	**0.3129**	**1.0301**	**0.0000**	**720.5689**	**720.5689**	**0.1741**		**724.9207**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0644	2.2097	0.4962	6.4900e-003	0.1508	6.8700e-003	0.1577	0.0413	6.5700e-003	0.0479		702.7791	702.7791	0.0498		704.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
Total	**0.1013**	**2.2336**	**0.7671**	**7.3200e-003**	**0.2403**	**7.5300e-003**	**0.2478**	**0.0650**	**7.1800e-003**	**0.0722**		**785.6326**	**785.6326**	**0.0520**		**786.9327**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0506	0.0000	0.0506	7.2400e-003	0.0000	7.2400e-003			0.0000			0.0000
Off-Road	0.4802	5.8653	3.0206	7.3000e-003		0.2246	0.2246		0.2066	0.2066		706.9381	706.9381	0.2286		712.6541
Total	**0.4802**	**5.8653**	**3.0206**	**7.3000e-003**	**0.0506**	**0.2246**	**0.2752**	**7.2400e-003**	**0.2066**	**0.2139**		**706.9381**	**706.9381**	**0.2286**		**712.6541**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5377	18.4445	4.1421	0.0542	1.2590	0.0574	1.3164	0.3450	0.0549	0.3999		5,866.2520	5,866.2520	0.4156		5,876.6415
Vendor	0.0117	0.3803	0.1013	9.9000e-004	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		105.8201	105.8201	7.0800e-003		105.9971
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
Total	**0.5863**	**18.8488**	**4.5142**	**0.0560**	**1.3740**	**0.0588**	**1.4328**	**0.3761**	**0.0563**	**0.4324**		**6,054.9255**	**6,054.9255**	**0.4249**		**6,065.5475**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0228	0.0000	0.0228	3.2600e-003	0.0000	3.2600e-003			0.0000			0.0000
Off-Road	0.4802	5.8653	3.0206	7.3000e-003		0.2246	0.2246		0.2066	0.2066	0.0000	706.9381	706.9381	0.2286		712.6541
Total	**0.4802**	**5.8653**	**3.0206**	**7.3000e-003**	**0.0228**	**0.2246**	**0.2474**	**3.2600e-003**	**0.2066**	**0.2099**	**0.0000**	**706.9381**	**706.9381**	**0.2286**		**712.6541**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5377	18.4445	4.1421	0.0542	1.2590	0.0574	1.3164	0.3450	0.0549	0.3999		5,866.2520	5,866.2520	0.4156		5,876.6415
Vendor	0.0117	0.3803	0.1013	9.9000e-004	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		105.8201	105.8201	7.0800e-003		105.9971
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
Total	**0.5863**	**18.8488**	**4.5142**	**0.0560**	**1.3740**	**0.0588**	**1.4328**	**0.3761**	**0.0563**	**0.4324**		**6,054.9255**	**6,054.9255**	**0.4249**		**6,065.5475**

3.4 Grading 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1614	1.8892	1.2962	5.8900e-003		0.0573	0.0573		0.0527	0.0527		570.0390	570.0390	0.1844		574.6481
Total	**0.1614**	**1.8892**	**1.2962**	**5.8900e-003**	**0.0000**	**0.0573**	**0.0573**	**0.0000**	**0.0527**	**0.0527**		**570.0390**	**570.0390**	**0.1844**		**574.6481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1614	1.8892	1.2962	5.8900e-003		0.0573	0.0573		0.0527	0.0527	0.0000	570.0390	570.0390	0.1844		574.6481
Total	**0.1614**	**1.8892**	**1.2962**	**5.8900e-003**	**0.0000**	**0.0573**	**0.0573**	**0.0000**	**0.0527**	**0.0527**	**0.0000**	**570.0390**	**570.0390**	**0.1844**		**574.6481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7456	7.3653	6.6727	0.0122		0.3779	0.3779		0.3611	0.3611		1,164.4819	1,164.4819	0.2069		1,169.6546
Total	**0.7456**	**7.3653**	**6.6727**	**0.0122**		**0.3779**	**0.3779**		**0.3611**	**0.3611**		**1,164.4819**	**1,164.4819**	**0.2069**		**1,169.6546**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0996	3.2325	0.8611	8.4300e-003	0.2176	6.7400e-003	0.2243	0.0627	6.4400e-003	0.0691		899.4707	899.4707	0.0602		900.9752
Worker	0.3597	0.2338	2.6406	8.1100e-003	0.8719	6.4200e-003	0.8783	0.2312	5.9100e-003	0.2371		807.8209	807.8209	0.0217		808.3622
Total	**0.4593**	**3.4662**	**3.5017**	**0.0165**	**1.0895**	**0.0132**	**1.1026**	**0.2939**	**0.0124**	**0.3062**		**1,707.2916**	**1,707.2916**	**0.0818**		**1,709.3374**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7456	7.3653	6.6727	0.0122		0.3779	0.3779		0.3611	0.3611	0.0000	1,164.4819	1,164.4819	0.2069		1,169.6546
Total	**0.7456**	**7.3653**	**6.6727**	**0.0122**		**0.3779**	**0.3779**		**0.3611**	**0.3611**	**0.0000**	**1,164.4819**	**1,164.4819**	**0.2069**		**1,169.6546**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0996	3.2325	0.8611	8.4300e-003	0.2176	6.7400e-003	0.2243	0.0627	6.4400e-003	0.0691		899.4707	899.4707	0.0602		900.9752
Worker	0.3597	0.2338	2.6406	8.1100e-003	0.8719	6.4200e-003	0.8783	0.2312	5.9100e-003	0.2371		807.8209	807.8209	0.0217		808.3622
Total	**0.4593**	**3.4662**	**3.5017**	**0.0165**	**1.0895**	**0.0132**	**1.1026**	**0.2939**	**0.0124**	**0.3062**		**1,707.2916**	**1,707.2916**	**0.0818**		**1,709.3374**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6762	6.5951	6.5977	0.0122		0.3250	0.3250		0.3108	0.3108		1,164.7395	1,164.7395	0.2048		1,169.8595
Total	**0.6762**	**6.5951**	**6.5977**	**0.0122**		**0.3250**	**0.3250**		**0.3108**	**0.3108**		**1,164.7395**	**1,164.7395**	**0.2048**		**1,169.8595**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0934	3.0658	0.8143	8.3500e-003	0.2176	5.8400e-003	0.2235	0.0627	5.5900e-003	0.0682		891.4604	891.4604	0.0579		892.9077
Worker	0.3383	0.2111	2.4373	7.8100e-003	0.8719	6.2300e-003	0.8781	0.2312	5.7400e-003	0.2370		778.8585	778.8585	0.0196		779.3473
Total	**0.4317**	**3.2769**	**3.2516**	**0.0162**	**1.0895**	**0.0121**	**1.1015**	**0.2939**	**0.0113**	**0.3052**		**1,670.3189**	**1,670.3189**	**0.0775**		**1,672.2550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6762	6.5951	6.5977	0.0122		0.3250	0.3250		0.3108	0.3108	0.0000	1,164.7395	1,164.7395	0.2048		1,169.8595
Total	**0.6762**	**6.5951**	**6.5977**	**0.0122**		**0.3250**	**0.3250**		**0.3108**	**0.3108**	**0.0000**	**1,164.7395**	**1,164.7395**	**0.2048**		**1,169.8595**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0934	3.0658	0.8143	8.3500e-003	0.2176	5.8400e-003	0.2235	0.0627	5.5900e-003	0.0682		891.4604	891.4604	0.0579		892.9077
Worker	0.3383	0.2111	2.4373	7.8100e-003	0.8719	6.2300e-003	0.8781	0.2312	5.7400e-003	0.2370		778.8585	778.8585	0.0196		779.3473
Total	**0.4317**	**3.2769**	**3.2516**	**0.0162**	**1.0895**	**0.0121**	**1.1015**	**0.2939**	**0.0113**	**0.3052**		**1,670.3189**	**1,670.3189**	**0.0775**		**1,672.2550**

3.6 Building Construction 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3027	1.5089	1.7188	2.5600e-003		0.0741	0.0741		0.0741	0.0741		207.4777	207.4777	0.0270		208.1531
Total	**0.3027**	**1.5089**	**1.7188**	**2.5600e-003**		**0.0741**	**0.0741**		**0.0741**	**0.0741**		**207.4777**	**207.4777**	**0.0270**		**208.1531**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3027	1.5089	1.7188	2.5600e-003		0.0741	0.0741		0.0741	0.0741	0.0000	207.4777	207.4777	0.0270		208.1531
Total	**0.3027**	**1.5089**	**1.7188**	**2.5600e-003**		**0.0741**	**0.0741**		**0.0741**	**0.0741**	**0.0000**	**207.4777**	**207.4777**	**0.0270**		**208.1531**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2767	1.4629	1.6958	2.5600e-003		0.0639	0.0639		0.0639	0.0639		207.4777	207.4777	0.0248		208.0984
Total	**0.2767**	**1.4629**	**1.6958**	**2.5600e-003**		**0.0639**	**0.0639**		**0.0639**	**0.0639**		**207.4777**	**207.4777**	**0.0248**		**208.0984**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2767	1.4629	1.6958	2.5600e-003		0.0639	0.0639		0.0639	0.0639	0.0000	207.4777	207.4777	0.0248		208.0984
Total	**0.2767**	**1.4629**	**1.6958**	**2.5600e-003**		**0.0639**	**0.0639**		**0.0639**	**0.0639**	**0.0000**	**207.4777**	**207.4777**	**0.0248**		**208.0984**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0361	0.5603	1.0940	1.6800e-003		0.0104	0.0104		9.5700e-003	9.5700e-003		162.6199	162.6199	0.0526		163.9347
Total	**0.0361**	**0.5603**	**1.0940**	**1.6800e-003**		**0.0104**	**0.0104**		**9.5700e-003**	**9.5700e-003**		**162.6199**	**162.6199**	**0.0526**		**163.9347**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0361	0.5603	1.0940	1.6800e-003		0.0104	0.0104		9.5700e-003	9.5700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
Total	**0.0361**	**0.5603**	**1.0940**	**1.6800e-003**		**0.0104**	**0.0104**		**9.5700e-003**	**9.5700e-003**	**0.0000**	**162.6199**	**162.6199**	**0.0526**		**163.9347**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1937	1.9016	2.4592	3.8100e-003		0.0971	0.0971		0.0896	0.0896		363.8964	363.8964	0.1149		366.7693
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1937**	**1.9016**	**2.4592**	**3.8100e-003**		**0.0971**	**0.0971**		**0.0896**	**0.0896**		**363.8964**	**363.8964**	**0.1149**		**366.7693**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0379	0.4375	1.4000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		139.7951	139.7951	3.5100e-003		139.8828
Total	**0.0607**	**0.0379**	**0.4375**	**1.4000e-003**	**0.1565**	**1.1200e-003**	**0.1576**	**0.0415**	**1.0300e-003**	**0.0425**		**139.7951**	**139.7951**	**3.5100e-003**		**139.8828**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1937	1.9016	2.4592	3.8100e-003		0.0971	0.0971		0.0896	0.0896	0.0000	363.8964	363.8964	0.1149		366.7693
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1937**	**1.9016**	**2.4592**	**3.8100e-003**		**0.0971**	**0.0971**		**0.0896**	**0.0896**	**0.0000**	**363.8964**	**363.8964**	**0.1149**		**366.7693**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0379	0.4375	1.4000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		139.7951	139.7951	3.5100e-003		139.8828
Total	**0.0607**	**0.0379**	**0.4375**	**1.4000e-003**	**0.1565**	**1.1200e-003**	**0.1576**	**0.0415**	**1.0300e-003**	**0.0425**		**139.7951**	**139.7951**	**3.5100e-003**		**139.8828**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1816	1.7499	2.4580	3.8100e-003		0.0863	0.0863		0.0797	0.0797		363.9712	363.9712	0.1149		366.8448
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1816**	**1.7499**	**2.4580**	**3.8100e-003**		**0.0863**	**0.0863**		**0.0797**	**0.0797**		**363.9712**	**363.9712**	**0.1149**		**366.8448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0573	0.0343	0.4032	1.3500e-003	0.1565	1.0900e-003	0.1576	0.0415	1.0000e-003	0.0425		134.5815	134.5815	3.1600e-003		134.6605
Total	**0.0573**	**0.0343**	**0.4032**	**1.3500e-003**	**0.1565**	**1.0900e-003**	**0.1576**	**0.0415**	**1.0000e-003**	**0.0425**		**134.5815**	**134.5815**	**3.1600e-003**		**134.6605**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1816	1.7499	2.4580	3.8100e-003		0.0863	0.0863		0.0797	0.0797	0.0000	363.9712	363.9712	0.1149		366.8448
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1816**	**1.7499**	**2.4580**	**3.8100e-003**		**0.0863**	**0.0863**		**0.0797**	**0.0797**	**0.0000**	**363.9712**	**363.9712**	**0.1149**		**366.8448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0573	0.0343	0.4032	1.3500e-003	0.1565	1.0900e-003	0.1576	0.0415	1.0000e-003	0.0425		134.5815	134.5815	3.1600e-003		134.6605
Total	**0.0573**	**0.0343**	**0.4032**	**1.3500e-003**	**0.1565**	**1.0900e-003**	**0.1576**	**0.0415**	**1.0000e-003**	**0.0425**		**134.5815**	**134.5815**	**3.1600e-003**		**134.6605**

3.9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6360					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**26.8276**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0655	0.0392	0.4608	1.5400e-003	0.1788	1.2500e-003	0.1801	0.0474	1.1500e-003	0.0486		153.8074	153.8074	3.6100e-003		153.8978
Total	**0.0655**	**0.0392**	**0.4608**	**1.5400e-003**	**0.1788**	**1.2500e-003**	**0.1801**	**0.0474**	**1.1500e-003**	**0.0486**		**153.8074**	**153.8074**	**3.6100e-003**		**153.8978**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6360					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**26.8276**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0655	0.0392	0.4608	1.5400e-003	0.1788	1.2500e-003	0.1801	0.0474	1.1500e-003	0.0486		153.8074	153.8074	3.6100e-003		153.8978
Total	**0.0655**	**0.0392**	**0.4608**	**1.5400e-003**	**0.1788**	**1.2500e-003**	**0.1801**	**0.0474**	**1.1500e-003**	**0.0486**		**153.8074**	**153.8074**	**3.6100e-003**		**153.8978**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5691	7.3753	17.5617	0.0689	6.1647	0.0511	6.2159	1.6493	0.0475	1.6968		7,039.3311	7,039.3311	0.3363		7,047.7375
Unmitigated	1.7519	8.4021	22.1473	0.0908	8.3048	0.0664	8.3712	2.2218	0.0617	2.2835		9,271.7134	9,271.7134	0.4224		9,282.2738

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	562.61	139.57	24.08	1,103,013	818,779
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Research & Development	724.14	169.56	99.36	1,877,381	1,393,600
Total	1,286.75	309.13	123.44	2,980,394	2,212,379

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Research & Development	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Medical Office Building	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Other Non-Asphalt Surfaces	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845
Research & Development	0.550809	0.042355	0.203399	0.115606	0.014562	0.005806	0.021810	0.035336	0.002134	0.001736	0.004891	0.000712	0.000845

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0265	0.2406	0.2021	1.4400e-003		0.0183	0.0183		0.0183	0.0183		288.6556	288.6556	5.5300e-003	5.2900e-003	290.3710
NaturalGas Unmitigated	0.0347	0.3151	0.2647	1.8900e-003		0.0240	0.0240		0.0240	0.0240		378.1573	378.1573	7.2500e-003	6.9300e-003	380.4045

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	536.529	5.7900e-003	0.0526	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1210	63.1210	1.2100e-003	1.1600e-003	63.4961
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	2677.81	0.0289	0.2625	0.2205	1.5800e-003		0.0200	0.0200		0.0200	0.0200		315.0363	315.0363	6.0400e-003	5.7800e-003	316.9084
Total		**0.0347**	**0.3151**	**0.2647**	**1.9000e-003**		**0.0240**	**0.0240**		**0.0240**	**0.0240**		**378.1573**	**378.1573**	**7.2500e-003**	**6.9400e-003**	**380.4045**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.3816	4.1200e-003	0.0374	0.0314	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003		44.8941	44.8941	8.6000e-004	8.2000e-004	45.1609
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	2.07197	0.0223	0.2031	0.1706	1.2200e-003		0.0154	0.0154		0.0154	0.0154		243.7615	243.7615	4.6700e-003	4.4700e-003	245.2100
Total		**0.0265**	**0.2405**	**0.2021**	**1.4400e-003**		**0.0183**	**0.0183**		**0.0183**	**0.0183**		**288.6556**	**288.6556**	**5.5300e-003**	**5.2900e-003**	**290.3710**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Unmitigated	1.6992	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2093					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2800e-003	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Total	**1.6992**	**3.2000e-004**	**0.0355**	**0.0000**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**		**0.0762**	**0.0762**	**2.0000e-004**		**0.0812**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2093					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2800e-003	3.2000e-004	0.0355	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0762	0.0762	2.0000e-004		0.0812
Total	**1.6992**	**3.2000e-004**	**0.0355**	**0.0000**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**		**0.0762**	**0.0762**	**2.0000e-004**		**0.0812**

Health Risk Assessment Report for the Wellness Center Project at 1242 20th Street City of Santa Monica, California

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
DBR	daily breathing rate
DPM	diesel particulate matter
FAH	fraction of time at home
HARP2	Hotspots Analysis and Reporting Program, Version 2
HRA	health risk assessment
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
REL	reference exposure level
SCAQMD	South Coast Air Quality Management District
sf	square feet
TAC	toxic air contaminant
$\mu g/m^3$	microgram per cubic meter

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SUMMARY

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and non-cancer health impacts to existing sensitive residential receptors in proximity to the proposed 1242 20th Street Wellness Center Project (proposed project) due to toxic air contaminant (TAC) emissions from construction of the project.

Air dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 19191 and the Hotspots Analysis and Reporting Program Version 2 (HARP2). The South Coast Air Quality Management District's (SCAQMD's) *Modeling Guidance for AERMOD* (SCAQMD 2020a) and the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. For the residential health risk, the HRA assumes exposure would start in the 3rd trimester of pregnancy and occur 8 hours per day, 5 days per week, for 2 years. For the school receptor health risk, the HRA assumes exposure would start at age 5 and occur 8 hours per day, 5 days per week, for 2 years.

Diesel particulate matter (DPM) emissions have an established cancer risk factor and reference exposure level (REL) for long term chronic health hazard impacts. No short term, acute REL has been established and therefore acute health risk impacts are not addressed in this assessment. This HRA finds that unmitigated project construction would result in potential chronic health risk at the maximally exposed residential and school receptors of 0.04 and 0.02, respectively, which are below the SCAQMD threshold of 1.0. Chronic health risk impacts would be less than significant. The unmitigated potential cancer risk at the maximally exposed residential and school receptors would be 65 in 1 million and 8 in 1 million, respectively, which would exceed the SCAQMD threshold of 10 in 1 million. With implementation of mitigation, the potential cancer risk estimates at the maximally exposed residential and school receptors would be reduced to 7 in 1 million and 1 in 1 million, respectively, which are below the SCAQMD thresholds. No short-term, acute relative exposure values are established and regulated for DPM, and are therefore not addressed in this assessment.

1 INTRODUCTION

1.1 Purpose

In support of the air quality assessment, Dudek has prepared an HRA modeling analysis to estimate health risk impacts to existing residents from exposure to TAC emissions from construction of the project. The analysis in this HRA uses air dispersion modeling and HARP2 to evaluate potential health risks associated with the project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by SCAQMD. Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses question (3): Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The proposed project would involve the development of approximately 72,812 square feet (sf) of medical research and development and an office and outpatient "Wellness Center" located at 1925 Arizona Avenue and 1242 20th Street in the City of Santa Monica. The proposed project would include the construction of a new 3-story building adjacent to an existing historic Tudor-style building, which would be partially preserved in its current condition, and partially renovated/adaptively reused as part of the Wellness Center. The proposed Wellness Center would provide medical-related research & development uses and clinical/medical office space in the City of Santa Monica's Healthcare Mixed Use District.

1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The closest existing sensitive receptors to the project site is the Lighthouse Church and School located approximately

10 feet to the north along 20th Street.[1] Furthermore, there are single-family and multi-family residences located approximately 20 feet to the west across 19th Court alley and multi-family residences located approximately 75 feet to the northeast and south along 20th Street. Additionally, the Providence Saint John's Child and Family Development Center is located approximately 370 feet to the southeast along 20th Street. All other air quality sensitive receptors are located at greater distances from the project site and would be less impacted by emissions generated by the proposed project. Impacts are quantified below for the above sensitive receptors.

1.4 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (short term) and/or chronic (long term) non-cancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ system and may be experienced either by acute or chronic exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, Calfironia Air Resources Board (CARB) normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants had been listed by the CARB as state TACs. In April 1993, CARB added 171 substances to the state program to make the state TAC list equivalent to the federal list of hazardous air pollutants. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has an established cancer risk factor and reference exposure level (REL)

[1] Although the City is at an angle (i.e. streets are northwest or southwest), directions will be referred to as north, south, east, and west. 20th Street will be referred to as east, Arizona Avenue will be referred to as south, and so forth.

for long term chronic health hazard impact. No short term, acute REL has been established and regulated and is therefore not addressed in this assessment.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. AB 2588 currently regulates over 600 compounds, including all of the Tanner-designated TACs.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines. The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, On-Road Heavy Duty (New) Vehicle Program, In-Use Off-Road Diesel Vehicle Regulation, and New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel powered equipment. Several Airborne Toxic Control Measures reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

1.5 Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams per kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu g/m^3$), breathing rate, and exposure period and multiplying the dose by the inhalation cancer potency factor, expressed as $(\text{milligrams/kilogram body weight per day})^{-1}$. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current OEHHA regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace risks that compromise the immune system, overall health) would result in an increased susceptibility to developing cancer.

1.6 Acute and Chronic Non-Cancer Health Impacts

The non-cancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu g/m^3$ divided by the reference exposure level (REL), also in units of $\mu g/m^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

2 GUIDANCE AND THRESHOLDS

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which was adopted in 2015 to replace the 2003 HRA Guidance Manual. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both non-cancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA Guidance Manual. In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates (DBRs) and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults" (OEHHA 2012). In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015). The ASF for adults is 1. In addition to the ASFs, children have higher DBRs per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age

16 years and greater, 73% of time is spent at home. However, for facilities with any school within the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). This recommendation was followed for the project construction HRA based on the location of proximate schools. Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2. This approach is generally considered a conservative assumption at low doses and is consistent with the current OEHHA regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace exposures that comprise the immune system, overall health) would result in an increased susceptibility to developing cancer.

2.2 South Coast Air Quality Management District Guidance

The SCAQMD's *Modeling Guidance for AERMOD* (SCAQMD 2020a) provides guidance to perform dispersion modeling for use in HRAs within the South Coast Air Basin. SCAQMD's current thresholds of significance for TAC emissions are presented in Table 1.

Table 1
SCAQMD CEQA TAC Emissions Thresholds

Carcinogens	Noncarcinogens
	Acute or Chronic
Maximally exposed individual risk equals or exceeds 10 in 1 million	Hazard Index equals or exceeds 1.0 for the maximally exposed individual

Source: SCAQMD 2015.
Notes: CEQA = California Environmental Quality Act; SCAQMD = South Coast Air Quality Management District; TAC = toxic air contaminant

3 MODELING METHODOLOGY

3.1 Emission Calculation

Emissions from the construction phase of the project were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the applicant and CalEEMod default values. All assumptions pertaining to construction emissions, including phasing, equipment, and vehicle trips, are based on Section 4.2 (Air Quality) of the Environmental Impact Report (EIR). Complete detailed construction assumptions are included in Appendix A and are summarized below.

The proposed project would include demolition of two former residential buildings, demolition of a garage attached to the existing historic Tudor-style building, adaptive reuse of a portion of the existing historic Tudor-style building, and construction of a new Wellness Center totaling approximately 72,812 sf. For the purposes of modeling, it was assumed that construction of the proposed project would commence as early as March 2021 and would last approximately 23 months, ending in January 2023. The analysis contained herein is based on the following assumptions (duration of phases is approximate), as shown in Table 2.

Table 2
Construction Phasing Assumptions

Proposed Project Construction Phase	Start Date	End Date	Duration (weeks)
Demolition	03/22/2021	04/15/2021	4
Grading/Shoring	04/16/2021	11/26/2021	32
Building Construction	11/29/2021	12/23/2022	56
Paving	12/15/2022	01/04/2023	3
Architectural Coating	01/09/2023	01/27/2023	3

Source: See Appendix A for complete results.

For the analysis, it was generally assumed that heavy construction equipment would be operating at the site for approximately 8 hours per day, 5 days per week (22 days per month), during construction. For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles. Notably, to include only on-site emissions from diesel haul and vendor trucks, they were conservatively assumed to operate for 0.19-miles on site (1,000 feet).

Unmitigated Emissions

Table 3 presents the estimated unmitigated annual construction exhaust PM_{10} emissions generated during construction of the proposed project. OEHHA guidance indicates that PM_{10} emissions should be used as a surrogate for DPM when evaluating health risks associated with DPM (OEHHA 2015).

Table 3
Unmitigated Project Annual On-Site Construction Emissions – Exhaust Only

Year	PM_{10}
	Tons per year
2021	0.03
2022	0.04
2023	<0.01
Total	**0.07**

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter

As shown in Section 4, HRA Results, the results of the HRA using the default construction emission factors in CalEEMod result in a potentially significant impact. As such, the following mitigation is included to reduce DPM emissions from construction equipment.

Mitigation Measures

AQ-1: To reduce the potential for criteria air pollutants, specifically particulate matter (PM), as a result of construction of the project, the applicant shall:

Prior to the start of construction activities, the project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Interim engines, except where the project applicant establishes to the satisfaction of the City of Santa Monica (City) that Tier 4 Interim equipment is not available.

In the case where the applicant is unable to secure a piece of equipment that meets the Tier 4 Interim requirement, the applicant may upgrade another piece of equipment to compensate, such as equipping CARB-certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies available for the engine type, such as Level 3 Diesel Particulate Filters (Tier 4 engines automatically meet this requirement) or upgrading Tier 4 interim to Tier 4 Final.

Mitigated Emissions

The proposed project emissions incorporating the tiered equipment as outlined in mitigation measure (MM) AQ-1 are shown in Table 4.

Table 4
Mitigated Project Annual On-Site Construction Emissions – Exhaust Only

Year	PM_{10}
	Tons per year
2021	<0.01
2022	0.01
2023	<0.01
Total	**0.01**

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter

3.2 Dispersion Model

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis of DPM emitted from diesel vehicles and off-road equipment was conducted on the proposed project site for the HRA. The dispersion modeling was performed using AERMOD Version 18081, which is the model United States Environmental Protection Agency (EPA) approved and SCAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project modeling included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD Version 18081, with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.6.1. A unit emission rate of 1.0 gram per second (g/s) was normalized over the number of volume sources for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to

simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.

- **Meteorological Data:** The latest 5-year meteorological data for the Santa Monica Airport (KSMO) station (Station ID 93197) from SCAQMD were downloaded (SCAQMD 2020b), and then input to AERMOD. For cancer and chronic non-cancer risk assessments, the average cancer and chronic non-cancer risk of all years modeled was used. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. According to SCAQMD guidelines, the urban dispersion option was selected and the Los Angeles County population for year 2010 (9,818,605 persons) input into AERMOD (SCAQMD 2020a).
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SCAQMD guidance, the National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used (SCAQMD 2020a).
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential and school receptors located in proximity to the project. A uniform fine 1-kilometer by 1-kilometer Cartesian grid with 25-meter spacing was centered over the project site and converted into discrete receptors to represent proximate receptors.
- **Source Release Operating Scenarios:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix A). The DPM emissions were modeled as a series of 104 volume sources across the project site where construction activities would occur, with a release height of 5 meters and initial vertical dimension of 1.4 meters.

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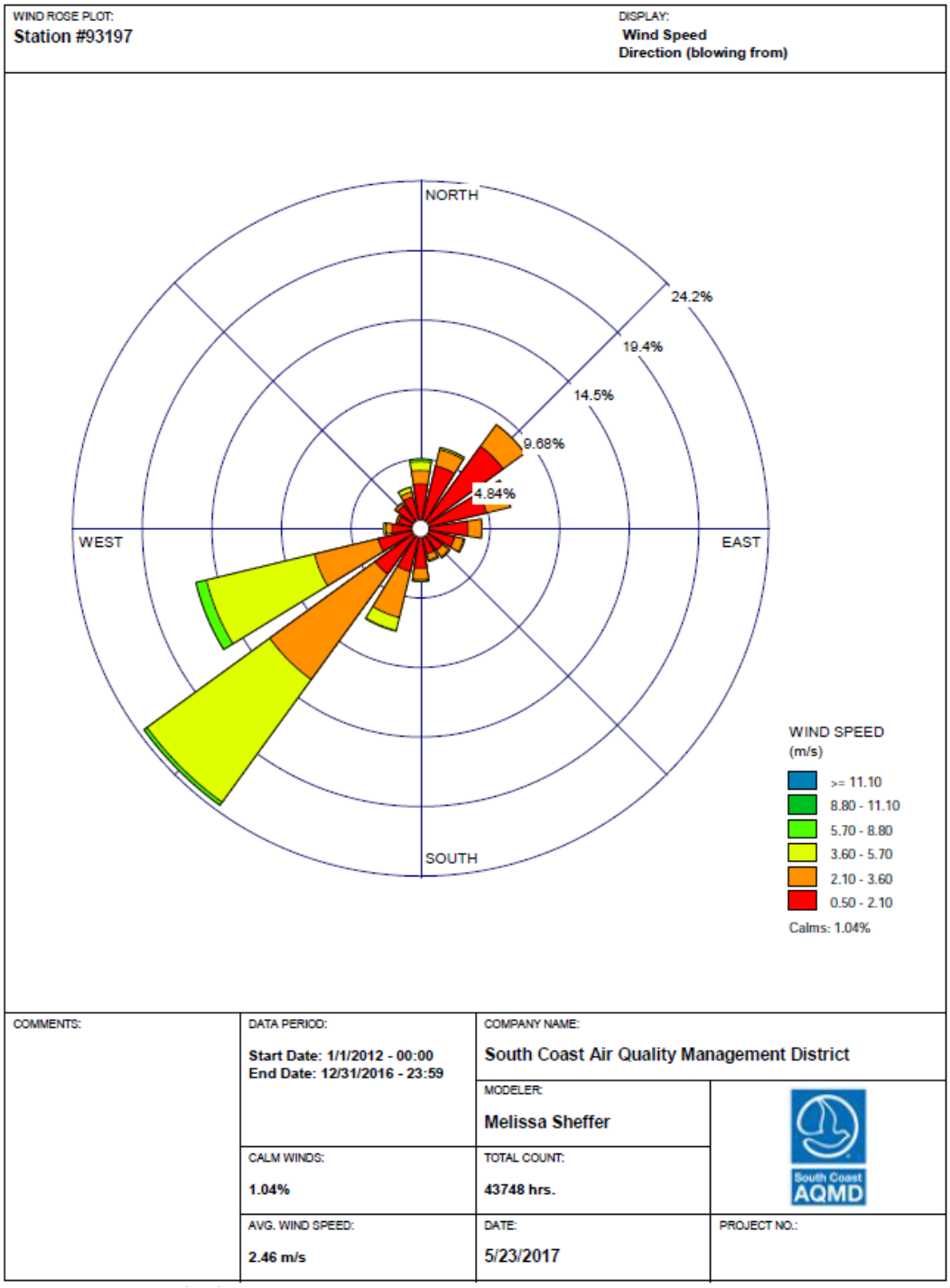
Figure 1
Wind Rose of Meteorological Data – KSMO Station



Source: SCAQMD 2020b.

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3.3 Health Risk Assessment Methodology

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). SCAQMD requires that all HRAs prepared for CEQA documents follow SCAQMD policies in conjunction with the 2015 Risk Assessment Guidelines Manual. Cancer and non-cancer health risk calculations were performed for the project using ground-level unity emission concentration (X/Q) input from AERMOD. This modeling established the emissions dispersion field to the existing sensitive receptors from atmospheric influence of the project construction DPM emissions. Plot files generated in AERMOD were then imported into HARP2, with ground level concentrations determined by multiplication of emission rates and X/Q values for the total volume sources of emissions. HARP2 then assessed resulting cancer and non-cancer risk at the existing receptors from exposure to TAC emissions using the OEHHA Derived calculation method.

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the residential health risk, the HRA assumes exposure would start in the 3rd trimester of pregnancy and occur 8 hours per day, 5 days per week, for 2 years. For the school receptor health risk, the HRA assumes exposure would start at age 5 and occur 8 hours per day, 5 days per week, for 2 years.

4 HEALTH RISK RESULTS

Table 5 shows the maximum cancer and chronic health risks at the maximally exposed residential and school receptors from project construction. AERMOD and HARP2 outputs are in Appendix B.

Table 5
Summary of Maximum Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	65.26	10	**Potentially Significant**
	Chronic Hazard Index	Index Value	0.04	1.0	Less than Significant
Maximally Exposed School Receptor					
Construction HRA	Cancer Risk	Per Million	7.50	10	Less than Significant
	Chronic Hazard Index	Index Value	0.02	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment

As shown in Table 5, the HRA results from the unmitigated scenario show cancer risks exceeding the 10 in 1 million threshold and thus a potentially significant impact at the maximally exposed individual residential receptor. This potentially significant health risk impacts triggered the requirement of MM-AQ-1 in order to reduce project construction-generated DPM emissions to the extent feasible. The HRA results after incorporation of MM-AQ-1 are presented in Table 6.

Table 6
Summary of Maximum Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	7.23	10	Less than Significant
	Chronic Hazard Index	Index Value	0.005	1.0	Less than Significant
Maximally Exposed School Receptor					
Construction HRA	Cancer Risk	Per Million	0.83	10	Less than Significant
	Chronic Hazard Index	Index Value	0.002	1.0	Less than Significant

Source: See Appendix B for complete results.

Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment

5 CONCLUSIONS

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SCAQMD tend to over-predict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, the estimated cancer risks and non-cancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to project-related emissions. In addition, the estimated cancer risks and non-cancer hazard indices represent the maximum exposed individual resident and do not represent the risk over a broad area. The actual risks of cancer or non-cancer effects from the project are likely to be lower than presented herein.

Based on this analysis, project construction would result in potential chronic health risk at the maximally exposed sensitive receptors below the SCAQMD threshold without the need for mitigation. However, potential cancer health risk impacts from project construction at the maximally individual residential receptor would exceed the SCAQMD threshold. With implementation of MM-AQ-1, cancer health risk impacts from project construction would be reduced to less than the SCAQMD threshold.

6 REFERENCES

13 CCR 2025. Final Regulation Order to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen, and Other Pollutants from In-Use Heavy-Duty Diesel-Fueled Vehicles.

14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

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SCAQMD. 2020b. "SCAQMD Meteorological Data for AERMOD." Accessed June 2020. http://www.aqmd.gov/home/air-quality/meteorological-data/aermod-table-1.

APPENDIX A

Emission Calculations

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/8/2020 1:18 PM

Santa Monica Wellness Center - Construction HRA

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	18.81	1000sqft	0.00	18,812.00	0
Research & Development	54.00	1000sqft	0.64	54,000.00	0
Enclosed Parking with Elevator	275.00	Space	0.00	110,000.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Santa Monica Wellness Center. SCAQMD. Construction HRA Run.

Land Use - Project includes 18.812 ksf in clinical/medical office, 54 ksf in research and development, and 275 parking spaces on a 1.03 acre site.

Construction Phase - Construction would last Spring 2021 (March) through January 2023.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Off-road Equipment - See 3.0 Construction Detail.

Trips and VMT - Revised haul trips to include pavement demolition trips. Assumed 10 CY per load resulting in 11,600 haul trips. Rounded up number of trips. No worker trips, changed vendor and haul truck trip length 0.19-mile.

Demolition - 9,346 tons of demolition debris (existing buildings and parking lot).

Grading - 58,000 cy soil exported.

Architectural Coating -

Vehicle Trips - Modeling construction emissions.

Energy Use - Modeling construction emissions.

Water And Wastewater - Modeling construction emissions.

Solid Waste - Modeling construction emissions.

Construction Off-road Equipment Mitigation - Tier 4 interim

Table Name	Column Name	Default Value	New Value
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblWater	OutdoorWaterUseRate	802,840.54	897,612.76
tblWater	OutdoorWaterUseRate	449,578.84	423,048.67

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0758	1.3227	0.5274	1.7800e-003	0.1020	0.0295	0.1315	0.0156	0.0274	0.0430	0.0000	162.3675	162.3675	0.0385	0.0000	163.3287
2022	0.0982	1.1589	1.0056	1.9800e-003	8.6000e-004	0.0435	0.0443	2.6000e-004	0.0415	0.0418	0.0000	174.4244	174.4244	0.0317	0.0000	175.2170
2023	0.3836	0.0124	0.0173	3.0000e-005	0.0000	6.6000e-004	6.6000e-004	0.0000	6.5000e-004	6.5000e-004	0.0000	2.4102	2.4102	2.7000e-004	0.0000	2.4170
Maximum	**0.3836**	**1.3227**	**1.0056**	**1.9800e-003**	**0.1020**	**0.0435**	**0.1315**	**0.0156**	**0.0415**	**0.0430**	**0.0000**	**174.4244**	**174.4244**	**0.0385**	**0.0000**	**175.2170**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0307	0.9513	0.7249	1.7800e-003	0.0466	2.5600e-003	0.0492	7.2100e-003	2.5500e-003	9.7500e-003	0.0000	162.3674	162.3674	0.0385	0.0000	163.3286
2022	0.0385	0.8920	1.1505	1.9800e-003	8.6000e-004	5.5600e-003	6.4200e-003	2.6000e-004	5.5600e-003	5.8200e-003	0.0000	174.4242	174.4242	0.0317	0.0000	175.2169
2023	0.3824	0.0103	0.0179	3.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	2.4102	2.4102	2.7000e-004	0.0000	2.4170
Maximum	**0.3824**	**0.9513**	**1.1505**	**1.9800e-003**	**0.0466**	**5.5600e-003**	**0.0492**	**7.2100e-003**	**5.5600e-003**	**9.7500e-003**	**0.0000**	**174.4242**	**174.4242**	**0.0385**	**0.0000**	**175.2169**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**19.01**	**25.68**	**-22.13**	**0.00**	**53.88**	**88.91**	**68.49**	**52.84**	**88.29**	**81.73**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/22/2021	4/15/2021	5	19	
2	Grading	Grading	4/16/2021	11/26/2021	5	161	
3	Grading 2	Grading	5/24/2021	9/10/2021	5	80	bore/drill rig
4	Building Construction	Building Construction	11/29/2021	12/23/2022	5	280	
5	Building Construction 3	Building Construction	11/29/2021	1/27/2022	5	44	welders
6	Building Construction 2	Building Construction	6/13/2022	12/23/2022	5	140	aerial lift
7	Paving	Paving	12/15/2022	1/4/2023	5	15	
8	Architectural Coating	Architectural Coating	1/9/2023	1/27/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.39

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 117,872; Non-Residential Outdoor: 39,291; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	3.00	81	0.73
Demolition	Rubber Tired Dozers	1	3.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	5.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading 2	Bore/Drill Rigs	1	5.00	221	0.50
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	4.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	5.00	97	0.37

Building Construction 3	Welders	2	4.00	46	0.45
Building Construction 2	Aerial Lifts	1	8.00	63	0.31
Paving	Cement and Mortar Mixers	1	2.00	9	0.56
Paving	Pavers	1	2.00	130	0.42
Paving	Paving Equipment	1	2.00	132	0.36
Paving	Rollers	1	2.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	2.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	0.00	0.00	164.00	14.70	6.90	0.19	LD_Mix	HDT_Mix	HHDT
Grading	2	0.00	4.00	11,600.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	0.00	34.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1000	0.0000	0.1000	0.0151	0.0000	0.0151	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2100e-003	0.0612	0.0409	7.0000e-005		3.1800e-003	3.1800e-003		2.9700e-003	2.9700e-003	0.0000	6.2101	6.2101	1.5000e-003	0.0000	6.2476
Total	**6.2100e-003**	**0.0612**	**0.0409**	**7.0000e-005**	**0.1000**	**3.1800e-003**	**0.1032**	**0.0151**	**2.9700e-003**	**0.0181**	**0.0000**	**6.2101**	**6.2101**	**1.5000e-003**	**0.0000**	**6.2476**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	7.7800e-003	1.0600e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.8900	0.8900	1.4000e-004	0.0000	0.8935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.4000e-004**	**7.7800e-003**	**1.0600e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.8900**	**0.8900**	**1.4000e-004**	**0.0000**	**0.8935**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0450	0.0000	0.0450	6.8100e-003	0.0000	6.8100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3200e-003	0.0240	0.0438	7.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	6.2100	6.2100	1.5000e-003	0.0000	6.2475
Total	**1.3200e-003**	**0.0240**	**0.0438**	**7.0000e-005**	**0.0450**	**1.1000e-004**	**0.0451**	**6.8100e-003**	**1.1000e-004**	**6.9200e-003**	**0.0000**	**6.2100**	**6.2100**	**1.5000e-003**	**0.0000**	**6.2475**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	7.7800e-003	1.0600e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.8900	0.8900	1.4000e-004	0.0000	0.8935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.4000e-004**	**7.7800e-003**	**1.0600e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.8900**	**0.8900**	**1.4000e-004**	**0.0000**	**0.8935**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.0000e-004	0.0000	8.0000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4722	0.2432	5.9000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	51.6265	51.6265	0.0167	0.0000	52.0440
Total	**0.0387**	**0.4722**	**0.2432**	**5.9000e-004**	**8.0000e-004**	**0.0181**	**0.0189**	**9.0000e-005**	**0.0166**	**0.0167**	**0.0000**	**51.6265**	**51.6265**	**0.0167**	**0.0000**	**52.0440**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0102	0.5504	0.0750	6.4000e-004	1.0700e-003	2.7000e-004	1.3400e-003	3.0000e-004	2.6000e-004	5.6000e-004	0.0000	62.9476	62.9476	0.0101	0.0000	63.1992
Vendor	4.6000e-004	0.0193	4.5400e-003	2.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.9184	1.9184	3.0000e-004	0.0000	1.9259
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0106**	**0.5697**	**0.0796**	**6.6000e-004**	**1.1300e-003**	**2.8000e-004**	**1.4100e-003**	**3.2000e-004**	**2.7000e-004**	**5.9000e-004**	**0.0000**	**64.8660**	**64.8660**	**0.0104**	**0.0000**	**65.1252**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.6000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0107	0.1871	0.3537	5.9000e-004		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	51.6265	51.6265	0.0167	0.0000	52.0439
Total	**0.0107**	**0.1871**	**0.3537**	**5.9000e-004**	**3.6000e-004**	**9.6000e-004**	**1.3200e-003**	**4.0000e-005**	**9.6000e-004**	**1.0000e-003**	**0.0000**	**51.6265**	**51.6265**	**0.0167**	**0.0000**	**52.0439**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0102	0.5504	0.0750	6.4000e-004	1.0700e-003	2.7000e-004	1.3400e-003	3.0000e-004	2.6000e-004	5.6000e-004	0.0000	62.9476	62.9476	0.0101	0.0000	63.1992
Vendor	4.6000e-004	0.0193	4.5400e-003	2.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.9184	1.9184	3.0000e-004	0.0000	1.9259
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0106**	**0.5697**	**0.0796**	**6.6000e-004**	**1.1300e-003**	**2.8000e-004**	**1.4100e-003**	**3.2000e-004**	**2.7000e-004**	**5.9000e-004**	**0.0000**	**64.8660**	**64.8660**	**0.0104**	**0.0000**	**65.1252**

3.4 Grading 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4500e-003	0.0756	0.0519	2.4000e-004		2.2900e-003	2.2900e-003		2.1100e-003	2.1100e-003	0.0000	20.6852	20.6852	6.6900e-003	0.0000	20.8525
Total	**6.4500e-003**	**0.0756**	**0.0519**	**2.4000e-004**	**0.0000**	**2.2900e-003**	**2.2900e-003**	**0.0000**	**2.1100e-003**	**2.1100e-003**	**0.0000**	**20.6852**	**20.6852**	**6.6900e-003**	**0.0000**	**20.8525**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-003	0.0629	0.1267	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	20.6852	20.6852	6.6900e-003	0.0000	20.8525
Total	**3.9000e-003**	**0.0629**	**0.1267**	**2.4000e-004**	**0.0000**	**3.9000e-004**	**3.9000e-004**	**0.0000**	**3.9000e-004**	**3.9000e-004**	**0.0000**	**20.6852**	**20.6852**	**6.6900e-003**	**0.0000**	**20.8525**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3200e-003	0.0921	0.0834	1.5000e-004		4.7200e-003	4.7200e-003		4.5100e-003	4.5100e-003	0.0000	13.2050	13.2050	2.3500e-003	0.0000	13.2637
Total	**9.3200e-003**	**0.0921**	**0.0834**	**1.5000e-004**		**4.7200e-003**	**4.7200e-003**		**4.5100e-003**	**4.5100e-003**	**0.0000**	**13.2050**	**13.2050**	**2.3500e-003**	**0.0000**	**13.2637**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-004	0.0255	5.9900e-003	3.0000e-005	8.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	2.5320	2.5320	4.0000e-004	0.0000	2.5420
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-004**	**0.0255**	**5.9900e-003**	**3.0000e-005**	**8.0000e-005**	**1.0000e-005**	**1.0000e-004**	**3.0000e-005**	**1.0000e-005**	**4.0000e-005**	**0.0000**	**2.5320**	**2.5320**	**4.0000e-004**	**0.0000**	**2.5420**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8600e-003	0.0536	0.0955	1.5000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	13.2050	13.2050	2.3500e-003	0.0000	13.2636
Total	**2.8600e-003**	**0.0536**	**0.0955**	**1.5000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**13.2050**	**13.2050**	**2.3500e-003**	**0.0000**	**13.2636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-004	0.0255	5.9900e-003	3.0000e-005	8.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	2.5320	2.5320	4.0000e-004	0.0000	2.5420
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-004**	**0.0255**	**5.9900e-003**	**3.0000e-005**	**8.0000e-005**	**1.0000e-005**	**1.0000e-004**	**3.0000e-005**	**1.0000e-005**	**4.0000e-005**	**0.0000**	**2.5320**	**2.5320**	**4.0000e-004**	**0.0000**	**2.5420**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	0.8409	0.8412	1.5500e-003		0.0414	0.0414		0.0396	0.0396	0.0000	134.7208	134.7208	0.0237	0.0000	135.3130
Total	**0.0862**	**0.8409**	**0.8412**	**1.5500e-003**		**0.0414**	**0.0414**		**0.0396**	**0.0396**	**0.0000**	**134.7208**	**134.7208**	**0.0237**	**0.0000**	**135.3130**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6900e-003	0.2535	0.0569	2.6000e-004	8.6000e-004	1.0000e-004	9.6000e-004	2.6000e-004	9.0000e-005	3.5000e-004	0.0000	25.6079	25.6079	3.8400e-003	0.0000	25.7039
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6900e-003**	**0.2535**	**0.0569**	**2.6000e-004**	**8.6000e-004**	**1.0000e-004**	**9.6000e-004**	**2.6000e-004**	**9.0000e-005**	**3.5000e-004**	**0.0000**	**25.6079**	**25.6079**	**3.8400e-003**	**0.0000**	**25.7039**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0292	0.5471	0.9737	1.5500e-003		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	134.7207	134.7207	0.0237	0.0000	135.3129
Total	**0.0292**	**0.5471**	**0.9737**	**1.5500e-003**		**2.2800e-003**	**2.2800e-003**		**2.2800e-003**	**2.2800e-003**	**0.0000**	**134.7207**	**134.7207**	**0.0237**	**0.0000**	**135.3129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6900e-003	0.2535	0.0569	2.6000e-004	8.6000e-004	1.0000e-004	9.6000e-004	2.6000e-004	9.0000e-005	3.5000e-004	0.0000	25.6079	25.6079	3.8400e-003	0.0000	25.7039
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6900e-003**	**0.2535**	**0.0569**	**2.6000e-004**	**8.6000e-004**	**1.0000e-004**	**9.6000e-004**	**2.6000e-004**	**9.0000e-005**	**3.5000e-004**	**0.0000**	**25.6079**	**25.6079**	**3.8400e-003**	**0.0000**	**25.7039**

3.6 Building Construction 3 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7800e-003	0.0189	0.0215	3.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	2.3528	2.3528	3.1000e-004	0.0000	2.3604
Total	**3.7800e-003**	**0.0189**	**0.0215**	**3.0000e-005**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**	**0.0000**	**2.3528**	**2.3528**	**3.1000e-004**	**0.0000**	**2.3604**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5000e-004	0.0208	0.0187	3.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	2.3528	2.3528	3.1000e-004	0.0000	2.3604
Total	**5.5000e-004**	**0.0208**	**0.0187**	**3.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**2.3528**	**2.3528**	**3.1000e-004**	**0.0000**	**2.3604**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Building Construction 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0139	0.0161	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.7881	1.7881	2.1000e-004	0.0000	1.7934
Total	**2.6300e-003**	**0.0139**	**0.0161**	**2.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**1.7881**	**1.7881**	**2.1000e-004**	**0.0000**	**1.7934**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2000e-004	0.0158	0.0142	2.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	1.7881	1.7881	2.1000e-004	0.0000	1.7934
Total	**4.2000e-004**	**0.0158**	**0.0142**	**2.0000e-005**		**4.4000e-004**	**4.4000e-004**		**4.4000e-004**	**4.4000e-004**	**0.0000**	**1.7881**	**1.7881**	**2.1000e-004**	**0.0000**	**1.7934**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5200e-003	0.0392	0.0766	1.2000e-004		7.3000e-004	7.3000e-004		6.7000e-004	6.7000e-004	0.0000	10.3268	10.3268	3.3400e-003	0.0000	10.4103
Total	**2.5200e-003**	**0.0392**	**0.0766**	**1.2000e-004**		**7.3000e-004**	**7.3000e-004**		**6.7000e-004**	**6.7000e-004**	**0.0000**	**10.3268**	**10.3268**	**3.3400e-003**	**0.0000**	**10.4103**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8900e-003	0.0661	0.0892	1.2000e-004		2.7000e-003	2.7000e-003		2.7000e-003	2.7000e-003	0.0000	10.3268	10.3268	3.3400e-003	0.0000	10.4103
Total	**2.8900e-003**	**0.0661**	**0.0892**	**1.2000e-004**		**2.7000e-003**	**2.7000e-003**		**2.7000e-003**	**2.7000e-003**	**0.0000**	**10.3268**	**10.3268**	**3.3400e-003**	**0.0000**	**10.4103**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1600e-003	0.0114	0.0148	2.0000e-005		5.8000e-004	5.8000e-004		5.4000e-004	5.4000e-004	0.0000	1.9807	1.9807	6.3000e-004	0.0000	1.9964
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1600e-003**	**0.0114**	**0.0148**	**2.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**1.9807**	**1.9807**	**6.3000e-004**	**0.0000**	**1.9964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6000e-004	9.5600e-003	0.0165	2.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	1.9807	1.9807	6.3000e-004	0.0000	1.9964
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6000e-004**	**9.5600e-003**	**0.0165**	**2.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**1.9807**	**1.9807**	**6.3000e-004**	**0.0000**	**1.9964**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7000e-004	2.6200e-003	3.6900e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.4953	0.4953	1.6000e-004	0.0000	0.4992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**2.6200e-003**	**3.6900e-003**	**1.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**0.4953**	**0.4953**	**1.6000e-004**	**0.0000**	**0.4992**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.0000e-005	2.3900e-003	4.1200e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.4953	0.4953	1.6000e-004	0.0000	0.4992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**2.3900e-003**	**4.1200e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.4953**	**0.4953**	**1.6000e-004**	**0.0000**	**0.4992**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4400e-003	9.7700e-003	0.0136	2.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9178
Total	**0.3833**	**9.7700e-003**	**0.0136**	**2.0000e-005**		**5.3000e-004**	**5.3000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**1.9149**	**1.9149**	**1.1000e-004**	**0.0000**	**1.9178**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.1000e-004	7.9500e-003	0.0137	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9178
Total	**0.3823**	**7.9500e-003**	**0.0137**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**1.9149**	**1.9149**	**1.1000e-004**	**0.0000**	**1.9178**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

APPENDIX B

AERMOD Input and HARP2 Output Files

*HARP - HRACalc v19044 10/5/2020 11:58:40 AM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_RES\hra\SM_Wellness_RES_UnmitHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO
910	ALL		363171.2	3766555	6.53E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
871	ALL		363199.3	3766533	5.92E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
796	ALL		363124.3	3766483	5.75E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
833	ALL		363204.3	3766515	4.79E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
911	ALL		363199.3	3766558	4.33E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
951	ALL		363159.5	3766568	4.09E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
832	ALL		363099.3	3766508	3.80E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
758	ALL		363149.3	3766458	3.15E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
909	ALL		363124.3	3766558	3.09E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
870	ALL		363099.3	3766533	3.04E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
872	ALL		363224.3	3766533	2.93E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
912	ALL		363224.3	3766558	2.78E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
795	ALL		363099.3	3766483	2.72E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
952	ALL		363199.3	3766583	2.68E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
757	ALL		363124.3	3766458	2.52E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
834	ALL		363224.3	3766508	2.17E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
953	ALL		363224.3	3766583	2.15E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
950	ALL		363149.3	3766583	2.11E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
677	ALL		363162.3	3766444	1.73E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
913	ALL		363249.3	3766558	1.73E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
908	ALL		363099.3	3766558	1.68E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
993	ALL		363199.3	3766608	1.59E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
756	ALL		363099.3	3766458	1.59E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
873	ALL		363249.3	3766533	1.58E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
954	ALL		363249.3	3766583	1.57E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
831	ALL		363074.3	3766508	1.56E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
994	ALL		363224.3	3766608	1.50E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
992	ALL		363174.3	3766608	1.41E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
949	ALL		363124.3	3766583	1.38E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
869	ALL		363074.3	3766533	1.37E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
794	ALL		363074.3	3766483	1.34E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
718	ALL		363149.3	3766433	1.29E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
995	ALL		363249.3	3766608	1.27E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
717	ALL		363124.3	3766433	1.18E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
835	ALL		363249.3	3766508	1.13E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
955	ALL		363274.3	3766583	1.12E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
914	ALL		363274.3	3766558	1.11E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
991	ALL		363149.3	3766608	1.05E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1035	ALL		363224.3	3766633	1.01E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
996	ALL		363274.3	3766608	1.00E-05	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
755	ALL		363074.3	3766458	9.78E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
907	ALL		363074.3	3766558	9.65E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1034	ALL		363199.3	3766633	9.61E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1036	ALL		363249.3	3766633	9.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
874	ALL		363274.3	3766533	9.42E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
948	ALL		363099.3	3766583	9.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
716	ALL		363099.3	3766433	9.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1037	ALL		363274.3	3766633	8.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
830	ALL		363049.3	3766508	8.18E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1033	ALL		363174.3	3766633	8.03E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
719	ALL		363199.3	3766433	8.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
759	ALL		363224.3	3766458	7.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
956	ALL		363299.3	3766583	7.95E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
997	ALL		363299.3	3766608	7.70E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
793	ALL		363049.3	3766483	7.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
990	ALL		363124.3	3766608	7.54E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
868	ALL		363049.3	3766533	7.49E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
915	ALL		363299.3	3766558	7.41E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
797	ALL		363249.3	3766483	7.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1077	ALL		363249.3	3766658	6.94E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1038	ALL		363299.3	3766633	6.90E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1076	ALL		363224.3	3766658	6.82E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
836	ALL		363274.3	3766508	6.77E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
715	ALL		363074.3	3766433	6.72E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
676	ALL		363124.3	3766408	6.56E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1078	ALL		363274.3	3766658	6.54E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
947	ALL		363074.3	3766583	6.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
754	ALL		363049.3	3766458	6.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
678	ALL		363174.3	3766408	6.16E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1032	ALL		363149.3	3766633	6.14E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1075	ALL		363199.3	3766658	6.12E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
875	ALL		363299.3	3766533	6.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
906	ALL		363049.3	3766558	5.98E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
998	ALL		363324.3	3766608	5.88E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1079	ALL		363299.3	3766658	5.84E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
957	ALL		363324.3	3766583	5.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
675	ALL		363099.3	3766408	5.69E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
989	ALL		363099.3	3766608	5.64E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1039	ALL		363324.3	3766633	5.59E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

720	ALL	363224.3	3766433	5.41E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
916	ALL	363324.3	3766558	5.14E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1074	ALL	363174.3	3766658	5.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1118	ALL	363249.3	3766683	5.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1119	ALL	363274.3	3766683	5.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1080	ALL	363324.3	3766658	5.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
829	ALL	363024.3	3766508	4.99E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
679	ALL	363199.3	3766408	4.96E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
760	ALL	363249.3	3766458	4.94E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
714	ALL	363049.3	3766433	4.83E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
792	ALL	363024.3	3766483	4.80E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1120	ALL	363299.3	3766683	4.75E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1117	ALL	363224.3	3766683	4.70E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1031	ALL	363124.3	3766633	4.68E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
867	ALL	363024.3	3766533	4.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
674	ALL	363074.3	3766408	4.61E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
798	ALL	363274.3	3766483	4.55E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
999	ALL	363349.3	3766608	4.51E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1040	ALL	363349.3	3766633	4.48E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
946	ALL	363049.3	3766583	4.46E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
837	ALL	363299.3	3766508	4.42E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1121	ALL	363324.3	3766683	4.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
988	ALL	363074.3	3766608	4.30E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
958	ALL	363349.3	3766583	4.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
753	ALL	363024.3	3766458	4.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1081	ALL	363349.3	3766658	4.22E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
636	ALL	363149.3	3766383	4.14E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
876	ALL	363324.3	3766533	4.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1116	ALL	363199.3	3766683	4.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
635	ALL	363124.3	3766383	4.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
905	ALL	363024.3	3766558	3.98E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1073	ALL	363149.3	3766658	3.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
637	ALL	363174.3	3766383	3.84E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1160	ALL	363274.3	3766708	3.83E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1122	ALL	363349.3	3766683	3.80E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1161	ALL	363299.3	3766708	3.79E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
680	ALL	363224.3	3766408	3.75E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
634	ALL	363099.3	3766383	3.74E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1030	ALL	363099.3	3766633	3.72E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
917	ALL	363349.3	3766558	3.69E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
721	ALL	363249.3	3766433	3.68E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1159	ALL	363249.3	3766708	3.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
673	ALL	363049.3	3766408	3.63E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1162	ALL	363324.3	3766708	3.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1041	ALL	363374.3	3766633	3.59E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
713	ALL	363024.3	3766433	3.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1082	ALL	363374.3	3766658	3.50E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1000	ALL	363374.3	3766608	3.49E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1115	ALL	363174.3	3766683	3.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
828	ALL	362999.3	3766508	3.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1158	ALL	363224.3	3766708	3.32E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
761	ALL	363274.3	3766458	3.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1163	ALL	363349.3	3766708	3.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
638	ALL	363199.3	3766383	3.29E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1123	ALL	363374.3	3766683	3.28E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
791	ALL	362999.3	3766483	3.28E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
987	ALL	363049.3	3766608	3.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
633	ALL	363074.3	3766383	3.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
945	ALL	363024.3	3766583	3.21E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
959	ALL	363374.3	3766583	3.20E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
866	ALL	362999.3	3766533	3.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1072	ALL	363124.3	3766658	3.16E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
799	ALL	363299.3	3766483	3.12E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
838	ALL	363324.3	3766508	3.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1029	ALL	363074.3	3766633	3.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
752	ALL	362999.3	3766458	3.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1202	ALL	363299.3	3766733	3.00E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1164	ALL	363374.3	3766708	2.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
877	ALL	363349.3	3766533	2.95E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1203	ALL	363324.3	3766733	2.95E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1201	ALL	363274.3	3766733	2.93E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1083	ALL	363399.3	3766658	2.90E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1042	ALL	363399.3	3766633	2.89E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1157	ALL	363199.3	3766708	2.85E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
672	ALL	363024.3	3766408	2.84E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
904	ALL	362999.3	3766558	2.82E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1204	ALL	363349.3	3766733	2.81E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1124	ALL	363399.3	3766683	2.80E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
681	ALL	363249.3	3766408	2.78E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
595	ALL	363149.3	3766358	2.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
594	ALL	363124.3	3766358	2.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1001	ALL	363399.3	3766608	2.74E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
918	ALL	363374.3	3766558	2.73E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
632	ALL	363049.3	3766383	2.73E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1114	ALL	363149.3	3766683	2.71E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1200	ALL	363249.3	3766733	2.70E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
639	ALL	363224.3	3766383	2.68E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
712	ALL	362999.3	3766433	2.64E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1071	ALL	363099.3	3766658	2.63E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1165	ALL	363399.3	3766708	2.62E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1205	ALL	363374.3	3766733	2.61E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
593	ALL	363099.3	3766358	2.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
596	ALL	363174.3	3766358	2.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
722	ALL	363274.3	3766433	2.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
986	ALL	363024.3	3766608	2.52E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
960	ALL	363399.3	3766583	2.45E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1028	ALL	363049.3	3766633	2.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1084	ALL	363424.3	3766658	2.40E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1244	ALL	363324.3	3766758	2.40E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
827	ALL	362974.3	3766508	2.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1199	ALL	363224.3	3766733	2.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
944	ALL	362999.3	3766583	2.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1125	ALL	363424.3	3766683	2.38E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1206	ALL	363399.3	3766733	2.38E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
790	ALL	362974.3	3766483	2.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1243	ALL	363299.3	3766758	2.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
592	ALL	363074.3	3766358	2.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1245	ALL	363349.3	3766758	2.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
762	ALL	363299.3	3766458	2.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1156	ALL	363174.3	3766708	2.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1043	ALL	363424.3	3766633	2.33E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
597	ALL	363199.3	3766358	2.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
865	ALL	362974.3	3766533	2.29E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1166	ALL	363424.3	3766708	2.28E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1246	ALL	363374.3	3766758	2.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
631	ALL	363024.3	3766383	2.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
800	ALL	363324.3	3766483	2.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
839	ALL	363349.3	3766508	2.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
751	ALL	362974.3	3766458	2.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
671	ALL	362999.3	3766408	2.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1242	ALL	363274.3	3766758	2.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1070	ALL	363074.3	3766658	2.20E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1113	ALL	363124.3	3766683	2.20E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
878	ALL	363374.3	3766533	2.19E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1002	ALL	363424.3	3766608	2.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1207	ALL	363424.3	3766733	2.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
640	ALL	363249.3	3766383	2.12E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1247	ALL	363399.3	3766758	2.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
903	ALL	362974.3	3766558	2.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
682	ALL	363274.3	3766408	2.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
919	ALL	363399.3	3766558	2.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
591	ALL	363049.3	3766358	2.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1198	ALL	363199.3	3766733	2.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
711	ALL	362974.3	3766433	2.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1241	ALL	363249.3	3766758	2.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1126	ALL	363449.3	3766683	2.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1085	ALL	363449.3	3766658	2.00E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1167	ALL	363449.3	3766708	1.98E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
598	ALL	363224.3	3766358	1.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
553	ALL	363124.3	3766333	1.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1027	ALL	363024.3	3766633	1.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
985	ALL	362999.3	3766608	1.96E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
554	ALL	363149.3	3766333	1.96E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1286	ALL	363349.3	3766783	1.96E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1248	ALL	363424.3	3766758	1.94E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1285	ALL	363324.3	3766783	1.94E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1287	ALL	363374.3	3766783	1.92E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
961	ALL	363424.3	3766583	1.91E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1155	ALL	363149.3	3766708	1.91E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
723	ALL	363299.3	3766433	1.91E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1044	ALL	363449.3	3766633	1.90E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
552	ALL	363099.3	3766333	1.90E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1208	ALL	363449.3	3766733	1.89E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
555	ALL	363174.3	3766333	1.87E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
630	ALL	362999.3	3766383	1.85E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1112	ALL	363099.3	3766683	1.85E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1284	ALL	363299.3	3766783	1.85E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1288	ALL	363399.3	3766783	1.85E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
943	ALL	362974.3	3766583	1.83E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1069	ALL	363049.3	3766658	1.81E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
826	ALL	362949.3	3766508	1.79E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
590	ALL	363024.3	3766358	1.79E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

789	ALL	362949.3	3766483	1.79E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1240	ALL	363224.3	3766758	1.78E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
670	ALL	362974.3	3766408	1.78E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
551	ALL	363074.3	3766333	1.77E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1249	ALL	363449.3	3766758	1.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
763	ALL	363324.3	3766458	1.75E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1289	ALL	363424.3	3766783	1.74E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1003	ALL	363449.3	3766608	1.74E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
864	ALL	362949.3	3766533	1.72E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1283	ALL	363274.3	3766783	1.72E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1127	ALL	363474.3	3766683	1.71E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1168	ALL	363474.3	3766708	1.71E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
750	ALL	362949.3	3766458	1.71E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1197	ALL	363174.3	3766733	1.71E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
556	ALL	363199.3	3766333	1.70E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
801	ALL	363349.3	3766483	1.69E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
840	ALL	363374.3	3766508	1.69E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
879	ALL	363399.3	3766533	1.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
641	ALL	363274.3	3766383	1.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1209	ALL	363474.3	3766733	1.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1086	ALL	363474.3	3766658	1.66E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
599	ALL	363249.3	3766358	1.64E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1328	ALL	363374.3	3766808	1.63E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1327	ALL	363349.3	3766808	1.63E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1290	ALL	363449.3	3766783	1.62E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
920	ALL	363424.3	3766558	1.61E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
550	ALL	363049.3	3766333	1.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1026	ALL	362999.3	3766633	1.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1154	ALL	363124.3	3766708	1.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1329	ALL	363399.3	3766808	1.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
902	ALL	362949.3	3766558	1.60E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1250	ALL	363474.3	3766758	1.59E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
683	ALL	363299.3	3766408	1.59E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
710	ALL	362949.3	3766433	1.59E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1111	ALL	363074.3	3766683	1.57E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1326	ALL	363324.3	3766808	1.56E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
984	ALL	362974.3	3766608	1.56E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1045	ALL	363474.3	3766633	1.56E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1282	ALL	363249.3	3766783	1.55E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1330	ALL	363424.3	3766808	1.54E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1239	ALL	363199.3	3766758	1.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
629	ALL	362974.3	3766383	1.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
589	ALL	362999.3	3766358	1.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
962	ALL	363449.3	3766583	1.52E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
557	ALL	363224.3	3766333	1.50E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1068	ALL	363024.3	3766658	1.49E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1291	ALL	363474.3	3766783	1.48E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1169	ALL	363499.3	3766708	1.48E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
512	ALL	363124.3	3766308	1.47E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1325	ALL	363299.3	3766808	1.47E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1210	ALL	363499.3	3766733	1.47E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
513	ALL	363149.3	3766308	1.46E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1128	ALL	363499.3	3766683	1.46E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1331	ALL	363449.3	3766808	1.46E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
724	ALL	363324.3	3766433	1.45E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
511	ALL	363099.3	3766308	1.44E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
942	ALL	362949.3	3766583	1.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1196	ALL	363149.3	3766733	1.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
669	ALL	362949.3	3766408	1.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
549	ALL	363024.3	3766333	1.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1251	ALL	363499.3	3766758	1.42E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1004	ALL	363474.3	3766608	1.41E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
514	ALL	363174.3	3766308	1.40E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1087	ALL	363499.3	3766658	1.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
788	ALL	362924.3	3766483	1.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
825	ALL	362924.3	3766508	1.39E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1370	ALL	363399.3	3766833	1.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1369	ALL	363374.3	3766833	1.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1281	ALL	363224.3	3766783	1.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1153	ALL	363099.3	3766708	1.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1332	ALL	363474.3	3766808	1.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
510	ALL	363074.3	3766308	1.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1324	ALL	363274.3	3766808	1.36E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1292	ALL	363499.3	3766783	1.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
749	ALL	362924.3	3766458	1.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
600	ALL	363274.3	3766358	1.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1371	ALL	363424.3	3766833	1.35E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
764	ALL	363349.3	3766458	1.34E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
863	ALL	362924.3	3766533	1.34E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1110	ALL	363049.3	3766683	1.34E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1368	ALL	363349.3	3766833	1.33E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

642	ALL	363299.3	3766383	1.33E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1025	ALL	362974.3	3766633	1.32E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
841	ALL	363399.3	3766508	1.32E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
802	ALL	363374.3	3766483	1.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
880	ALL	363424.3	3766533	1.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
515	ALL	363199.3	3766308	1.30E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
588	ALL	362974.3	3766358	1.30E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1238	ALL	363174.3	3766758	1.30E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1372	ALL	363449.3	3766833	1.30E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
558	ALL	363249.3	3766333	1.29E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1046	ALL	363499.3	3766633	1.29E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1211	ALL	363524.3	3766733	1.29E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1170	ALL	363524.3	3766708	1.28E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
921	ALL	363449.3	3766558	1.28E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
709	ALL	362924.3	3766433	1.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
628	ALL	362949.3	3766383	1.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1367	ALL	363324.3	3766833	1.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1252	ALL	363524.3	3766758	1.27E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
509	ALL	363049.3	3766308	1.26E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1333	ALL	363499.3	3766808	1.26E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
983	ALL	362949.3	3766608	1.26E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
901	ALL	362924.3	3766558	1.26E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
548	ALL	362999.3	3766333	1.26E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1067	ALL	362999.3	3766658	1.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1129	ALL	363524.3	3766683	1.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
684	ALL	363324.3	3766408	1.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1373	ALL	363474.3	3766833	1.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
963	ALL	363474.3	3766583	1.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1293	ALL	363524.3	3766783	1.22E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1195	ALL	363124.3	3766733	1.22E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1323	ALL	363249.3	3766808	1.22E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1152	ALL	363074.3	3766708	1.19E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1366	ALL	363299.3	3766833	1.19E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1280	ALL	363199.3	3766783	1.18E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1411	ALL	363399.3	3766858	1.18E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
668	ALL	362924.3	3766408	1.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
516	ALL	363224.3	3766308	1.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1412	ALL	363424.3	3766858	1.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1088	ALL	363524.3	3766658	1.17E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1374	ALL	363499.3	3766833	1.16E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1334	ALL	363524.3	3766808	1.16E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
508	ALL	363024.3	3766308	1.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1005	ALL	363499.3	3766608	1.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
941	ALL	362924.3	3766583	1.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1109	ALL	363024.3	3766683	1.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1413	ALL	363449.3	3766858	1.15E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1410	ALL	363374.3	3766858	1.14E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
471	ALL	363124.3	3766283	1.14E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
725	ALL	363349.3	3766433	1.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
472	ALL	363149.3	3766283	1.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1212	ALL	363549.3	3766733	1.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1253	ALL	363549.3	3766758	1.13E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
470	ALL	363099.3	3766283	1.12E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
787	ALL	362899.3	3766483	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1414	ALL	363474.3	3766858	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
824	ALL	362899.3	3766508	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
587	ALL	362949.3	3766358	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1171	ALL	363549.3	3766708	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
601	ALL	363299.3	3766358	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1237	ALL	363149.3	3766758	1.11E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
547	ALL	362974.3	3766333	1.10E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1294	ALL	363549.3	3766783	1.10E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1409	ALL	363349.3	3766858	1.10E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
559	ALL	363274.3	3766333	1.10E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1024	ALL	362949.3	3766633	1.09E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
473	ALL	363174.3	3766283	1.09E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
748	ALL	362899.3	3766458	1.09E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1375	ALL	363524.3	3766833	1.09E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1365	ALL	363274.3	3766833	1.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
469	ALL	363074.3	3766283	1.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
862	ALL	362899.3	3766533	1.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1047	ALL	363524.3	3766633	1.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1322	ALL	363224.3	3766808	1.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1066	ALL	362974.3	3766658	1.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
765	ALL	363374.3	3766458	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
643	ALL	363324.3	3766383	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1130	ALL	363549.3	3766683	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1415	ALL	363499.3	3766858	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
627	ALL	362924.3	3766383	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1335	ALL	363549.3	3766808	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1194	ALL	363099.3	3766733	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

881	ALL	363449.3	3766533	1.05E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
842	ALL	363424.3	3766508	1.05E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
803	ALL	363399.3	3766483	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
507	ALL	362999.3	3766308	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1408	ALL	363324.3	3766858	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
708	ALL	362899.3	3766433	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1151	ALL	363049.3	3766708	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
517	ALL	363249.3	3766308	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
982	ALL	362924.3	3766608	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
922	ALL	363474.3	3766558	1.03E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
474	ALL	363199.3	3766283	1.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
900	ALL	362899.3	3766558	1.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1453	ALL	363424.3	3766883	1.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
468	ALL	363049.3	3766283	1.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1279	ALL	363174.3	3766783	1.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1454	ALL	363449.3	3766883	1.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1376	ALL	363549.3	3766833	1.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1416	ALL	363524.3	3766858	1.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
964	ALL	363499.3	3766583	1.00E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1254	ALL	363574.3	3766758	9.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1452	ALL	363399.3	3766883	9.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1089	ALL	363549.3	3766658	9.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1108	ALL	362999.3	3766683	9.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1455	ALL	363474.3	3766883	9.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1213	ALL	363574.3	3766733	9.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1295	ALL	363574.3	3766783	9.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
685	ALL	363349.3	3766408	9.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
667	ALL	362899.3	3766408	9.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1364	ALL	363249.3	3766833	9.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1407	ALL	363299.3	3766858	9.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1336	ALL	363574.3	3766808	9.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
546	ALL	362949.3	3766333	9.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1172	ALL	363574.3	3766708	9.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1456	ALL	363499.3	3766883	9.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1451	ALL	363374.3	3766883	9.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1006	ALL	363524.3	3766608	9.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1236	ALL	363124.3	3766758	9.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
586	ALL	362924.3	3766358	9.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1417	ALL	363549.3	3766858	9.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
467	ALL	363024.3	3766283	9.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
940	ALL	362899.3	3766583	9.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
475	ALL	363224.3	3766283	9.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1321	ALL	363199.3	3766808	9.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
506	ALL	362974.3	3766308	9.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1193	ALL	363074.3	3766733	9.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1377	ALL	363574.3	3766833	9.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
560	ALL	363299.3	3766333	9.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1457	ALL	363524.3	3766883	9.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1065	ALL	362949.3	3766658	9.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1023	ALL	362924.3	3766633	9.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1450	ALL	363349.3	3766883	9.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1150	ALL	363024.3	3766708	9.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
602	ALL	363324.3	3766358	9.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1131	ALL	363574.3	3766683	9.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
786	ALL	362874.3	3766483	9.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
430	ALL	363124.3	3766258	9.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
726	ALL	363374.3	3766433	9.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
823	ALL	362874.3	3766508	9.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
518	ALL	363274.3	3766308	9.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1048	ALL	363549.3	3766633	9.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
431	ALL	363149.3	3766258	8.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
429	ALL	363099.3	3766258	8.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
626	ALL	362899.3	3766383	8.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
747	ALL	362874.3	3766458	8.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1296	ALL	363599.3	3766783	8.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1255	ALL	363599.3	3766758	8.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1495	ALL	363449.3	3766908	8.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1418	ALL	363574.3	3766858	8.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1406	ALL	363274.3	3766858	8.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1496	ALL	363474.3	3766908	8.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
861	ALL	362874.3	3766533	8.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1458	ALL	363549.3	3766883	8.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1337	ALL	363599.3	3766808	8.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1278	ALL	363149.3	3766783	8.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
432	ALL	363174.3	3766258	8.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
428	ALL	363074.3	3766258	8.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1494	ALL	363424.3	3766908	8.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1214	ALL	363599.3	3766733	8.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
466	ALL	362999.3	3766283	8.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
644	ALL	363349.3	3766383	8.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
707	ALL	362874.3	3766433	8.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1497	ALL	363499.3	3766908	8.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
981	ALL	362899.3	3766608	8.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
766	ALL	363399.3	3766458	8.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1363	ALL	363224.3	3766833	8.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1107	ALL	362974.3	3766683	8.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1449	ALL	363324.3	3766883	8.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
882	ALL	363474.3	3766533	8.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1378	ALL	363599.3	3766833	8.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
843	ALL	363449.3	3766508	8.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
923	ALL	363499.3	3766558	8.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
804	ALL	363424.3	3766483	8.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
476	ALL	363249.3	3766283	8.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1090	ALL	363574.3	3766658	8.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1493	ALL	363399.3	3766908	8.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
545	ALL	362924.3	3766333	8.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1235	ALL	363099.3	3766758	8.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
899	ALL	362874.3	3766558	8.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1498	ALL	363524.3	3766908	8.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1173	ALL	363599.3	3766708	8.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
427	ALL	363049.3	3766258	8.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
505	ALL	362949.3	3766308	8.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
965	ALL	363524.3	3766583	8.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1459	ALL	363574.3	3766883	8.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1192	ALL	363049.3	3766733	8.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
433	ALL	363199.3	3766258	8.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
666	ALL	362874.3	3766408	8.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1419	ALL	363599.3	3766858	8.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
585	ALL	362899.3	3766358	8.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1492	ALL	363374.3	3766908	8.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1320	ALL	363174.3	3766808	8.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1499	ALL	363549.3	3766908	8.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1149	ALL	362999.3	3766708	8.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1064	ALL	362924.3	3766658	8.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1007	ALL	363549.3	3766608	8.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
686	ALL	363374.3	3766408	7.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1297	ALL	363624.3	3766783	7.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1338	ALL	363624.3	3766808	7.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1448	ALL	363299.3	3766883	7.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
465	ALL	362974.3	3766283	7.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1405	ALL	363249.3	3766858	7.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1256	ALL	363624.3	3766758	7.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
939	ALL	362874.3	3766583	7.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1132	ALL	363599.3	3766683	7.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
561	ALL	363324.3	3766333	7.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
426	ALL	363024.3	3766258	7.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
519	ALL	363299.3	3766308	7.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1379	ALL	363624.3	3766833	7.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1022	ALL	362899.3	3766633	7.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1460	ALL	363599.3	3766883	7.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1537	ALL	363474.3	3766933	7.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1538	ALL	363499.3	3766933	7.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1500	ALL	363574.3	3766908	7.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1491	ALL	363349.3	3766908	7.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
434	ALL	363224.3	3766258	7.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1277	ALL	363124.3	3766783	7.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1049	ALL	363574.3	3766633	7.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
625	ALL	362874.3	3766383	7.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1215	ALL	363624.3	3766733	7.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1536	ALL	363449.3	3766933	7.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
603	ALL	363349.3	3766358	7.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1539	ALL	363524.3	3766933	7.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1420	ALL	363624.3	3766858	7.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
785	ALL	362849.3	3766483	7.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1362	ALL	363199.3	3766833	7.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
477	ALL	363274.3	3766283	7.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
822	ALL	362849.3	3766508	7.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1106	ALL	362949.3	3766683	7.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
746	ALL	362849.3	3766458	7.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1234	ALL	363074.3	3766758	7.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1535	ALL	363424.3	3766933	7.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
727	ALL	363399.3	3766433	7.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
389	ALL	363124.3	3766233	7.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
504	ALL	362924.3	3766308	7.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1191	ALL	363024.3	3766733	7.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1540	ALL	363549.3	3766933	7.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
544	ALL	362899.3	3766333	7.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
388	ALL	363099.3	3766233	7.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
860	ALL	362849.3	3766533	7.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
390	ALL	363149.3	3766233	7.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1501	ALL	363599.3	3766908	7.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
425	ALL	362999.3	3766258	7.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1174	ALL	363624.3	3766708	7.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
706	ALL	362849.3	3766433	7.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
980	ALL	362874.3	3766608	7.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1461	ALL	363624.3	3766883	7.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1091	ALL	363599.3	3766658	7.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1447	ALL	363274.3	3766883	7.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1534	ALL	363399.3	3766933	7.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1339	ALL	363649.3	3766808	7.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
464	ALL	362949.3	3766283	7.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1490	ALL	363324.3	3766908	7.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
387	ALL	363074.3	3766233	7.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1298	ALL	363649.3	3766783	7.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
645	ALL	363374.3	3766383	7.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1380	ALL	363649.3	3766833	7.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1541	ALL	363574.3	3766933	7.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
391	ALL	363174.3	3766233	7.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1148	ALL	362974.3	3766708	7.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
767	ALL	363424.3	3766458	7.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1319	ALL	363149.3	3766808	7.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
883	ALL	363499.3	3766533	7.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
924	ALL	363524.3	3766558	7.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
584	ALL	362874.3	3766358	7.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
844	ALL	363474.3	3766508	7.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
898	ALL	362849.3	3766558	7.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
435	ALL	363249.3	3766258	7.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1404	ALL	363224.3	3766858	6.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
805	ALL	363449.3	3766483	6.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1257	ALL	363649.3	3766758	6.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1421	ALL	363649.3	3766858	6.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
665	ALL	362849.3	3766408	6.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
966	ALL	363549.3	3766583	6.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1063	ALL	362899.3	3766658	6.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1502	ALL	363624.3	3766908	6.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
386	ALL	363049.3	3766233	6.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1533	ALL	363374.3	3766933	6.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1579	ALL	363499.3	3766958	6.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1542	ALL	363599.3	3766933	6.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1580	ALL	363524.3	3766958	6.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1133	ALL	363624.3	3766683	6.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1276	ALL	363099.3	3766783	6.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
392	ALL	363199.3	3766233	6.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1008	ALL	363574.3	3766608	6.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
424	ALL	362974.3	3766258	6.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1462	ALL	363649.3	3766883	6.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
520	ALL	363324.3	3766308	6.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1578	ALL	363474.3	3766958	6.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1216	ALL	363649.3	3766733	6.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1233	ALL	363049.3	3766758	6.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1581	ALL	363549.3	3766958	6.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
562	ALL	363349.3	3766333	6.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
478	ALL	363299.3	3766283	6.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
938	ALL	362849.3	3766583	6.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1021	ALL	362874.3	3766633	6.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1577	ALL	363449.3	3766958	6.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1361	ALL	363174.3	3766833	6.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
687	ALL	363399.3	3766408	6.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1190	ALL	362999.3	3766733	6.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1489	ALL	363299.3	3766908	6.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
385	ALL	363024.3	3766233	6.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
624	ALL	362849.3	3766383	6.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
503	ALL	362899.3	3766308	6.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1105	ALL	362924.3	3766683	6.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1582	ALL	363574.3	3766958	6.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1050	ALL	363599.3	3766633	6.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1543	ALL	363624.3	3766933	6.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1446	ALL	363249.3	3766883	6.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
463	ALL	362924.3	3766283	6.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1532	ALL	363349.3	3766933	6.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1503	ALL	363649.3	3766908	6.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1576	ALL	363424.3	3766958	6.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
543	ALL	362874.3	3766333	6.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
784	ALL	362824.3	3766483	6.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
393	ALL	363224.3	3766233	6.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
604	ALL	363374.3	3766358	6.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1175	ALL	363649.3	3766708	6.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
436	ALL	363274.3	3766258	6.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
821	ALL	362824.3	3766508	6.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
745	ALL	362824.3	3766458	6.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1583	ALL	363599.3	3766958	6.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1147	ALL	362949.3	3766708	6.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1318	ALL	363124.3	3766808	6.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1092	ALL	363624.3	3766658	6.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
423	ALL	362949.3	3766258	6.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
384	ALL	362999.3	3766233	6.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1403	ALL	363199.3	3766858	6.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1575	ALL	363399.3	3766958	6.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
979	ALL	362849.3	3766608	6.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
705	ALL	362824.3	3766433	6.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
728	ALL	363424.3	3766433	6.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
859	ALL	362824.3	3766533	6.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1544	ALL	363649.3	3766933	6.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
583	ALL	362849.3	3766358	6.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
348	ALL	363124.3	3766208	6.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1275	ALL	363074.3	3766783	6.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
347	ALL	363099.3	3766208	6.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1584	ALL	363624.3	3766958	6.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
349	ALL	363149.3	3766208	6.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1622	ALL	363549.3	3766983	6.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1232	ALL	363024.3	3766758	6.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1621	ALL	363524.3	3766983	6.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1531	ALL	363324.3	3766933	6.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1488	ALL	363274.3	3766908	5.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1620	ALL	363499.3	3766983	5.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
346	ALL	363074.3	3766208	5.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
664	ALL	362824.3	3766408	5.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1623	ALL	363574.3	3766983	5.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1062	ALL	362874.3	3766658	5.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
646	ALL	363399.3	3766383	5.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
897	ALL	362824.3	3766558	5.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
768	ALL	363449.3	3766458	5.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
925	ALL	363549.3	3766558	5.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
884	ALL	363524.3	3766533	5.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
350	ALL	363174.3	3766208	5.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1619	ALL	363474.3	3766983	5.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1134	ALL	363649.3	3766683	5.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1189	ALL	362974.3	3766733	5.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
394	ALL	363249.3	3766233	5.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
845	ALL	363499.3	3766508	5.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
967	ALL	363574.3	3766583	5.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1574	ALL	363374.3	3766958	5.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
806	ALL	363474.3	3766483	5.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
462	ALL	362899.3	3766283	5.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
502	ALL	362874.3	3766308	5.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
479	ALL	363324.3	3766283	5.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
521	ALL	363349.3	3766308	5.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1360	ALL	363149.3	3766833	5.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1624	ALL	363599.3	3766983	5.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1585	ALL	363649.3	3766958	5.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
383	ALL	362974.3	3766233	5.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
345	ALL	363049.3	3766208	5.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1445	ALL	363224.3	3766883	5.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1618	ALL	363449.3	3766983	5.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1009	ALL	363599.3	3766608	5.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1104	ALL	362899.3	3766683	5.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1020	ALL	362849.3	3766633	5.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
422	ALL	362924.3	3766258	5.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
623	ALL	362824.3	3766383	5.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
437	ALL	363299.3	3766258	5.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
351	ALL	363199.3	3766208	5.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
563	ALL	363374.3	3766333	5.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
542	ALL	362849.3	3766333	5.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
937	ALL	362824.3	3766583	5.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1625	ALL	363624.3	3766983	5.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1317	ALL	363099.3	3766808	5.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1051	ALL	363624.3	3766633	5.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1617	ALL	363424.3	3766983	5.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1146	ALL	362924.3	3766708	5.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
344	ALL	363024.3	3766208	5.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
688	ALL	363424.3	3766408	5.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1530	ALL	363299.3	3766933	5.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1274	ALL	363049.3	3766783	5.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1573	ALL	363349.3	3766958	5.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1402	ALL	363174.3	3766858	5.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1231	ALL	362999.3	3766758	5.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
783	ALL	362799.3	3766483	5.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1626	ALL	363649.3	3766983	5.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
744	ALL	362799.3	3766458	5.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1487	ALL	363249.3	3766908	5.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1664	ALL	363574.3	3767008	5.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
382	ALL	362949.3	3766233	5.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
820	ALL	362799.3	3766508	5.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1663	ALL	363549.3	3767008	5.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

395	ALL	363274.3	3766233	5.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1093	ALL	363649.3	3766658	5.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
605	ALL	363399.3	3766358	5.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
352	ALL	363224.3	3766208	5.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
582	ALL	362824.3	3766358	5.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1662	ALL	363524.3	3767008	5.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1665	ALL	363599.3	3767008	5.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1616	ALL	363399.3	3766983	5.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
704	ALL	362799.3	3766433	5.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
978	ALL	362824.3	3766608	5.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
343	ALL	362999.3	3766208	5.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1661	ALL	363499.3	3767008	5.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1188	ALL	362949.3	3766733	5.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
858	ALL	362799.3	3766533	5.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
461	ALL	362874.3	3766283	5.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1666	ALL	363624.3	3767008	5.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
729	ALL	363449.3	3766433	5.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1061	ALL	362849.3	3766658	5.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
501	ALL	362849.3	3766308	5.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1660	ALL	363474.3	3767008	5.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
421	ALL	362899.3	3766258	5.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1359	ALL	363124.3	3766833	5.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
663	ALL	362799.3	3766408	5.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
307	ALL	363124.3	3766183	5.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1444	ALL	363199.3	3766883	5.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
306	ALL	363099.3	3766183	5.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
480	ALL	363349.3	3766283	5.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
896	ALL	362799.3	3766558	5.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1572	ALL	363324.3	3766958	5.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
308	ALL	363149.3	3766183	5.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1667	ALL	363649.3	3767008	5.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1316	ALL	363074.3	3766808	5.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
305	ALL	363074.3	3766183	5.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
438	ALL	363324.3	3766258	5.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1659	ALL	363449.3	3767008	5.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
522	ALL	363374.3	3766308	5.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1615	ALL	363374.3	3766983	5.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
926	ALL	363574.3	3766558	5.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
647	ALL	363424.3	3766383	5.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1529	ALL	363274.3	3766933	5.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1273	ALL	363024.3	3766783	5.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
769	ALL	363474.3	3766458	5.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
885	ALL	363549.3	3766533	5.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1103	ALL	362874.3	3766683	5.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
968	ALL	363599.3	3766583	5.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
342	ALL	362974.3	3766208	5.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
353	ALL	363249.3	3766208	5.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
541	ALL	362824.3	3766333	5.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
381	ALL	362924.3	3766233	4.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
846	ALL	363524.3	3766508	4.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
309	ALL	363174.3	3766183	4.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
807	ALL	363499.3	3766483	4.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1230	ALL	362974.3	3766758	4.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
622	ALL	362799.3	3766383	4.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1019	ALL	362824.3	3766633	4.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1145	ALL	362899.3	3766708	4.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1010	ALL	363624.3	3766608	4.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
304	ALL	363049.3	3766183	4.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
396	ALL	363299.3	3766233	4.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
936	ALL	362799.3	3766583	4.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1401	ALL	363149.3	3766858	4.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
564	ALL	363399.3	3766333	4.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1658	ALL	363424.3	3767008	4.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1486	ALL	363224.3	3766908	4.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1052	ALL	363649.3	3766633	4.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
310	ALL	363199.3	3766183	4.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
303	ALL	363024.3	3766183	4.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1187	ALL	362924.3	3766733	4.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
460	ALL	362849.3	3766283	4.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
420	ALL	362874.3	3766258	4.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1614	ALL	363349.3	3766983	4.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
581	ALL	362799.3	3766358	4.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
341	ALL	362949.3	3766208	4.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
782	ALL	362774.3	3766483	4.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
689	ALL	363449.3	3766408	4.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
743	ALL	362774.3	3766458	4.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1571	ALL	363299.3	3766958	4.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1358	ALL	363099.3	3766833	4.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
819	ALL	362774.3	3766508	4.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
500	ALL	362824.3	3766308	4.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
354	ALL	363274.3	3766208	4.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1315	ALL	363049.3	3766808	4.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
703	ALL	362774.3	3766433	4.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1657	ALL	363399.3	3767008	4.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
977	ALL	362799.3	3766608	4.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
380	ALL	362899.3	3766233	4.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
606	ALL	363424.3	3766358	4.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1443	ALL	363174.3	3766883	4.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1272	ALL	362999.3	3766783	4.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
302	ALL	362999.3	3766183	4.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
311	ALL	363224.3	3766183	4.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1528	ALL	363249.3	3766933	4.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
857	ALL	362774.3	3766533	4.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1060	ALL	362824.3	3766658	4.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
662	ALL	362774.3	3766408	4.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
439	ALL	363349.3	3766258	4.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
481	ALL	363374.3	3766283	4.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1229	ALL	362949.3	3766758	4.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
730	ALL	363474.3	3766433	4.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
540	ALL	362799.3	3766333	4.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1102	ALL	362849.3	3766683	4.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
895	ALL	362774.3	3766558	4.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
397	ALL	363324.3	3766233	4.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
340	ALL	362924.3	3766208	4.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1144	ALL	362874.3	3766708	4.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
523	ALL	363399.3	3766308	4.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
266	ALL	363124.3	3766158	4.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
265	ALL	363099.3	3766158	4.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1400	ALL	363124.3	3766858	4.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1613	ALL	363324.3	3766983	4.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
301	ALL	362974.3	3766183	4.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
621	ALL	362774.3	3766383	4.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1656	ALL	363374.3	3767008	4.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
267	ALL	363149.3	3766158	4.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1485	ALL	363199.3	3766908	4.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1018	ALL	362799.3	3766633	4.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
264	ALL	363074.3	3766158	4.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
927	ALL	363599.3	3766558	4.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
969	ALL	363624.3	3766583	4.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
419	ALL	362849.3	3766258	4.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
648	ALL	363449.3	3766383	4.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
312	ALL	363249.3	3766183	4.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
770	ALL	363499.3	3766458	4.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
886	ALL	363574.3	3766533	4.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1186	ALL	362899.3	3766733	4.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1011	ALL	363649.3	3766608	4.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
459	ALL	362824.3	3766283	4.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1570	ALL	363274.3	3766958	4.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
847	ALL	363549.3	3766508	4.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1357	ALL	363074.3	3766833	4.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
808	ALL	363524.3	3766483	4.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
268	ALL	363174.3	3766158	4.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
379	ALL	362874.3	3766233	4.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
355	ALL	363299.3	3766208	4.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
935	ALL	362774.3	3766583	4.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
263	ALL	363049.3	3766158	4.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1314	ALL	363024.3	3766808	4.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
565	ALL	363424.3	3766333	4.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1271	ALL	362974.3	3766783	4.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
580	ALL	362774.3	3766358	4.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
499	ALL	362799.3	3766308	4.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
300	ALL	362949.3	3766183	4.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
262	ALL	363024.3	3766158	4.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
269	ALL	363199.3	3766158	4.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1442	ALL	363149.3	3766883	4.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
339	ALL	362899.3	3766208	4.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1527	ALL	363224.3	3766933	4.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
781	ALL	362749.3	3766483	4.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
742	ALL	362749.3	3766458	4.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1228	ALL	362924.3	3766758	4.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1655	ALL	363349.3	3767008	4.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
818	ALL	362749.3	3766508	4.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
702	ALL	362749.3	3766433	4.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
976	ALL	362774.3	3766608	4.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1059	ALL	362799.3	3766658	4.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
690	ALL	363474.3	3766408	4.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
313	ALL	363274.3	3766183	4.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1612	ALL	363299.3	3766983	4.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
440	ALL	363374.3	3766258	4.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
261	ALL	362999.3	3766158	3.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
856	ALL	362749.3	3766533	3.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
398	ALL	363349.3	3766233	3.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

607	ALL	363449.3	3766358	3.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
661	ALL	362749.3	3766408	3.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1399	ALL	363099.3	3766858	3.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
539	ALL	362774.3	3766333	3.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
482	ALL	363399.3	3766283	3.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
270	ALL	363224.3	3766158	3.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1101	ALL	362824.3	3766683	3.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
418	ALL	362824.3	3766258	3.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1143	ALL	362849.3	3766708	3.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1356	ALL	363049.3	3766833	3.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
378	ALL	362849.3	3766233	3.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
299	ALL	362924.3	3766183	3.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1313	ALL	362999.3	3766808	3.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1484	ALL	363174.3	3766908	3.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1569	ALL	363249.3	3766958	3.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
356	ALL	363324.3	3766208	3.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
894	ALL	362749.3	3766558	3.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
458	ALL	362799.3	3766283	3.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1185	ALL	362874.3	3766733	3.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
620	ALL	362749.3	3766383	3.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1270	ALL	362949.3	3766783	3.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
731	ALL	363499.3	3766433	3.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
524	ALL	363424.3	3766308	3.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1017	ALL	362774.3	3766633	3.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
260	ALL	362974.3	3766158	3.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
338	ALL	362874.3	3766208	3.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
225	ALL	363124.3	3766133	3.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
224	ALL	363099.3	3766133	3.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1654	ALL	363324.3	3767008	3.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
223	ALL	363074.3	3766133	3.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
226	ALL	363149.3	3766133	3.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
970	ALL	363649.3	3766583	3.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
928	ALL	363624.3	3766558	3.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
271	ALL	363249.3	3766158	3.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
498	ALL	362774.3	3766308	3.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1227	ALL	362899.3	3766758	3.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
771	ALL	363524.3	3766458	3.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
934	ALL	362749.3	3766583	3.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
887	ALL	363599.3	3766533	3.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
649	ALL	363474.3	3766383	3.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1441	ALL	363124.3	3766883	3.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
314	ALL	363299.3	3766183	3.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
579	ALL	362749.3	3766358	3.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
848	ALL	363574.3	3766508	3.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1526	ALL	363199.3	3766933	3.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
809	ALL	363549.3	3766483	3.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
222	ALL	363049.3	3766133	3.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
227	ALL	363174.3	3766133	3.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1611	ALL	363274.3	3766983	3.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
298	ALL	362899.3	3766183	3.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
566	ALL	363449.3	3766333	3.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
259	ALL	362949.3	3766158	3.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1398	ALL	363074.3	3766858	3.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1355	ALL	363024.3	3766833	3.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
741	ALL	362724.3	3766458	3.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
780	ALL	362724.3	3766483	3.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
221	ALL	363024.3	3766133	3.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1312	ALL	362974.3	3766808	3.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
377	ALL	362824.3	3766233	3.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1058	ALL	362774.3	3766658	3.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
417	ALL	362799.3	3766258	3.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
399	ALL	363374.3	3766233	3.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
701	ALL	362724.3	3766433	3.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
228	ALL	363199.3	3766133	3.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
441	ALL	363399.3	3766258	3.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
975	ALL	362749.3	3766608	3.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
817	ALL	362724.3	3766508	3.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
538	ALL	362749.3	3766333	3.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
337	ALL	362849.3	3766208	3.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1269	ALL	362924.3	3766783	3.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1100	ALL	362799.3	3766683	3.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
357	ALL	363349.3	3766208	3.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1568	ALL	363224.3	3766958	3.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1483	ALL	363149.3	3766908	3.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
272	ALL	363274.3	3766158	3.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
660	ALL	362724.3	3766408	3.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1142	ALL	362824.3	3766708	3.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
691	ALL	363499.3	3766408	3.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
855	ALL	362724.3	3766533	3.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
457	ALL	362774.3	3766283	3.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
483	ALL	363424.3	3766283	3.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

220	ALL	362999.3	3766133	3.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1653	ALL	363299.3	3767008	3.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1184	ALL	362849.3	3766733	3.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
258	ALL	362924.3	3766158	3.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
608	ALL	363474.3	3766358	3.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
229	ALL	363224.3	3766133	3.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
297	ALL	362874.3	3766183	3.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
315	ALL	363324.3	3766183	3.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
619	ALL	362724.3	3766383	3.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
893	ALL	362724.3	3766558	3.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1440	ALL	363099.3	3766883	3.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1016	ALL	362749.3	3766633	3.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1226	ALL	362874.3	3766758	3.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
525	ALL	363449.3	3766308	3.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
219	ALL	362974.3	3766133	3.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
497	ALL	362749.3	3766308	3.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1397	ALL	363049.3	3766858	3.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1610	ALL	363249.3	3766983	3.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
732	ALL	363524.3	3766433	3.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1525	ALL	363174.3	3766933	3.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1354	ALL	362999.3	3766833	3.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
578	ALL	362724.3	3766358	3.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1311	ALL	362949.3	3766808	3.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
376	ALL	362799.3	3766233	3.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
183	ALL	363099.3	3766108	3.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
933	ALL	362724.3	3766583	3.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
184	ALL	363124.3	3766108	3.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
336	ALL	362824.3	3766208	3.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
273	ALL	363299.3	3766158	3.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
257	ALL	362899.3	3766158	3.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
182	ALL	363074.3	3766108	3.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
230	ALL	363249.3	3766133	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
929	ALL	363649.3	3766558	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
185	ALL	363149.3	3766108	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
416	ALL	362774.3	3766258	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
772	ALL	363549.3	3766458	3.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1268	ALL	362899.3	3766783	3.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
888	ALL	363624.3	3766533	3.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
650	ALL	363499.3	3766383	3.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
181	ALL	363049.3	3766108	3.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
218	ALL	362949.3	3766133	3.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
849	ALL	363599.3	3766508	3.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
810	ALL	363574.3	3766483	3.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
400	ALL	363399.3	3766233	3.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
567	ALL	363474.3	3766333	3.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
296	ALL	362849.3	3766183	3.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
186	ALL	363174.3	3766108	3.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
358	ALL	363374.3	3766208	3.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1057	ALL	362749.3	3766658	3.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
740	ALL	362699.3	3766458	3.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1482	ALL	363124.3	3766908	3.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
779	ALL	362699.3	3766483	3.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
537	ALL	362724.3	3766333	3.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
442	ALL	363424.3	3766258	3.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1652	ALL	363274.3	3767008	3.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1567	ALL	363199.3	3766958	3.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
700	ALL	362699.3	3766433	3.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
456	ALL	362749.3	3766283	3.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
974	ALL	362724.3	3766608	3.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
180	ALL	363024.3	3766108	3.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
816	ALL	362699.3	3766508	3.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1099	ALL	362774.3	3766683	3.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1141	ALL	362799.3	3766708	3.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
316	ALL	363349.3	3766183	3.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
659	ALL	362699.3	3766408	3.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1183	ALL	362824.3	3766733	3.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
187	ALL	363199.3	3766108	3.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1439	ALL	363074.3	3766883	3.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
854	ALL	362699.3	3766533	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
484	ALL	363449.3	3766283	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1396	ALL	363024.3	3766858	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1353	ALL	362974.3	3766833	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
231	ALL	363274.3	3766133	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
256	ALL	362874.3	3766158	3.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
217	ALL	362924.3	3766133	3.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
179	ALL	362999.3	3766108	3.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1310	ALL	362924.3	3766808	3.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
692	ALL	363524.3	3766408	3.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1225	ALL	362849.3	3766758	3.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
618	ALL	362699.3	3766383	3.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
274	ALL	363324.3	3766158	3.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

496	ALL	362724.3	3766308	3.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1609	ALL	363224.3	3766983	3.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
335	ALL	362799.3	3766208	3.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
375	ALL	362774.3	3766233	3.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1524	ALL	363149.3	3766933	3.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
609	ALL	363499.3	3766358	3.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
892	ALL	362699.3	3766558	3.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1015	ALL	362724.3	3766633	3.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
188	ALL	363224.3	3766108	3.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
295	ALL	362824.3	3766183	3.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
415	ALL	362749.3	3766258	2.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
178	ALL	362974.3	3766108	2.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
526	ALL	363474.3	3766308	2.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
577	ALL	362699.3	3766358	2.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1267	ALL	362874.3	3766783	2.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
216	ALL	362899.3	3766133	2.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
733	ALL	363549.3	3766433	2.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
932	ALL	362699.3	3766583	2.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1481	ALL	363099.3	3766908	2.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
255	ALL	362849.3	3766158	2.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
359	ALL	363399.3	3766208	2.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1651	ALL	363249.3	3767008	2.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
232	ALL	363299.3	3766133	2.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
401	ALL	363424.3	3766233	2.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
142	ALL	363099.3	3766083	2.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
143	ALL	363124.3	3766083	2.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
455	ALL	362724.3	3766283	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
189	ALL	363249.3	3766108	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1566	ALL	363174.3	3766958	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1395	ALL	362999.3	3766858	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1438	ALL	363049.3	3766883	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
141	ALL	363074.3	3766083	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
317	ALL	363374.3	3766183	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
177	ALL	362949.3	3766108	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
536	ALL	362699.3	3766333	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1352	ALL	362949.3	3766833	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
144	ALL	363149.3	3766083	2.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1056	ALL	362724.3	3766658	2.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
773	ALL	363574.3	3766458	2.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
889	ALL	363649.3	3766533	2.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
739	ALL	362674.3	3766458	2.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
651	ALL	363524.3	3766383	2.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
140	ALL	363049.3	3766083	2.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
443	ALL	363449.3	3766258	2.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
778	ALL	362674.3	3766483	2.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
699	ALL	362674.3	3766433	2.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
850	ALL	363624.3	3766508	2.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
811	ALL	363599.3	3766483	2.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1140	ALL	362774.3	3766708	2.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1309	ALL	362899.3	3766808	2.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
568	ALL	363499.3	3766333	2.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1182	ALL	362799.3	3766733	2.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
973	ALL	362699.3	3766608	2.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
145	ALL	363174.3	3766083	2.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1098	ALL	362749.3	3766683	2.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
815	ALL	362674.3	3766508	2.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
275	ALL	363349.3	3766158	2.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
334	ALL	362774.3	3766208	2.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
658	ALL	362674.3	3766408	2.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
139	ALL	363024.3	3766083	2.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
294	ALL	362799.3	3766183	2.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
374	ALL	362749.3	3766233	2.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
215	ALL	362874.3	3766133	2.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1224	ALL	362824.3	3766758	2.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
853	ALL	362674.3	3766533	2.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1523	ALL	363124.3	3766933	2.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
176	ALL	362924.3	3766108	2.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
485	ALL	363474.3	3766283	2.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1608	ALL	363199.3	3766983	2.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
495	ALL	362699.3	3766308	2.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
146	ALL	363199.3	3766083	2.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
617	ALL	362674.3	3766383	2.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
190	ALL	363274.3	3766108	2.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
138	ALL	362999.3	3766083	2.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
254	ALL	362824.3	3766158	2.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
414	ALL	362724.3	3766258	2.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
233	ALL	363324.3	3766133	2.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1266	ALL	362849.3	3766783	2.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1014	ALL	362699.3	3766633	2.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
693	ALL	363549.3	3766408	2.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
891	ALL	362674.3	3766558	2.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1480	ALL	363074.3	3766908	2.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
576	ALL	362674.3	3766358	2.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1394	ALL	362974.3	3766858	2.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1437	ALL	363024.3	3766883	2.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
610	ALL	363524.3	3766358	2.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
147	ALL	363224.3	3766083	2.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1351	ALL	362924.3	3766833	2.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
137	ALL	362974.3	3766083	2.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1650	ALL	363224.3	3767008	2.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
527	ALL	363499.3	3766308	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
175	ALL	362899.3	3766108	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
214	ALL	362849.3	3766133	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
360	ALL	363424.3	3766208	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
454	ALL	362699.3	3766283	2.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
318	ALL	363399.3	3766183	2.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1565	ALL	363149.3	3766958	2.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
931	ALL	362674.3	3766583	2.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
402	ALL	363449.3	3766233	2.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1308	ALL	362874.3	3766808	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
535	ALL	362674.3	3766333	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
333	ALL	362749.3	3766208	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
293	ALL	362774.3	3766183	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
734	ALL	363574.3	3766433	2.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
276	ALL	363374.3	3766158	2.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
191	ALL	363299.3	3766108	2.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
136	ALL	362949.3	3766083	2.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
373	ALL	362724.3	3766233	2.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
101	ALL	363099.3	3766058	2.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
253	ALL	362799.3	3766158	2.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
148	ALL	363249.3	3766083	2.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1139	ALL	362749.3	3766708	2.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
102	ALL	363124.3	3766058	2.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
738	ALL	362649.3	3766458	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1181	ALL	362774.3	3766733	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
100	ALL	363074.3	3766058	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
444	ALL	363474.3	3766258	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
698	ALL	362649.3	3766433	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
777	ALL	362649.3	3766483	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1522	ALL	363099.3	3766933	2.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1055	ALL	362699.3	3766658	2.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1223	ALL	362799.3	3766758	2.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
103	ALL	363149.3	3766058	2.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
774	ALL	363599.3	3766458	2.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
972	ALL	362674.3	3766608	2.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1097	ALL	362724.3	3766683	2.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
99	ALL	363049.3	3766058	2.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
234	ALL	363349.3	3766133	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
657	ALL	362649.3	3766408	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
652	ALL	363549.3	3766383	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
814	ALL	362649.3	3766508	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
174	ALL	362874.3	3766108	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1607	ALL	363174.3	3766983	2.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
494	ALL	362674.3	3766308	2.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
569	ALL	363524.3	3766333	2.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
812	ALL	363624.3	3766483	2.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
851	ALL	363649.3	3766508	2.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1479	ALL	363049.3	3766908	2.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1436	ALL	362999.3	3766883	2.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
413	ALL	362699.3	3766258	2.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1393	ALL	362949.3	3766858	2.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
104	ALL	363174.3	3766058	2.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
213	ALL	362824.3	3766133	2.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
98	ALL	363024.3	3766058	2.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
616	ALL	362649.3	3766383	2.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1265	ALL	362824.3	3766783	2.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
852	ALL	362649.3	3766533	2.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
135	ALL	362924.3	3766083	2.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1350	ALL	362899.3	3766833	2.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
486	ALL	363499.3	3766283	2.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
149	ALL	363274.3	3766083	2.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
105	ALL	363199.3	3766058	2.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
97	ALL	362999.3	3766058	2.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1013	ALL	362674.3	3766633	2.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
192	ALL	363324.3	3766108	2.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
575	ALL	362649.3	3766358	2.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
890	ALL	362649.3	3766558	2.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
292	ALL	362749.3	3766183	2.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1649	ALL	363199.3	3767008	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1564	ALL	363124.3	3766958	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
332	ALL	362724.3	3766208	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
453	ALL	362674.3	3766283	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

319	ALL	363424.3	3766183	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
252	ALL	362774.3	3766158	2.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1307	ALL	362849.3	3766808	2.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
173	ALL	362849.3	3766108	2.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
694	ALL	363574.3	3766408	2.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
361	ALL	363449.3	3766208	2.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
277	ALL	363399.3	3766158	2.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
134	ALL	362899.3	3766083	2.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
96	ALL	362974.3	3766058	2.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
106	ALL	363224.3	3766058	2.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
611	ALL	363549.3	3766358	2.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
372	ALL	362699.3	3766233	2.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
534	ALL	362649.3	3766333	2.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
930	ALL	362649.3	3766583	2.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1521	ALL	363074.3	3766933	2.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
403	ALL	363474.3	3766233	2.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
528	ALL	363524.3	3766308	2.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
212	ALL	362799.3	3766133	2.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
235	ALL	363374.3	3766133	2.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1435	ALL	362974.3	3766883	2.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1478	ALL	363024.3	3766908	2.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1392	ALL	362924.3	3766858	2.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1180	ALL	362749.3	3766733	2.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
150	ALL	363299.3	3766083	2.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1138	ALL	362724.3	3766708	2.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
95	ALL	362949.3	3766058	2.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
735	ALL	363599.3	3766433	2.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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1606	ALL	363149.3	3766983	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
412	ALL	362674.3	3766258	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
445	ALL	363499.3	3766258	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1349	ALL	362874.3	3766833	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
493	ALL	362649.3	3766308	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
107	ALL	363249.3	3766058	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
133	ALL	362874.3	3766083	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
60	ALL	363099.3	3766033	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
971	ALL	362649.3	3766608	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
172	ALL	362824.3	3766108	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
59	ALL	363074.3	3766033	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
61	ALL	363124.3	3766033	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
193	ALL	363349.3	3766108	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1096	ALL	362699.3	3766683	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1264	ALL	362799.3	3766783	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
58	ALL	363049.3	3766033	2.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
62	ALL	363149.3	3766033	2.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1054	ALL	362674.3	3766658	2.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
775	ALL	363624.3	3766458	2.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
291	ALL	362724.3	3766183	2.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
251	ALL	362749.3	3766158	2.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
653	ALL	363574.3	3766383	2.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
570	ALL	363549.3	3766333	2.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
94	ALL	362924.3	3766058	2.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
813	ALL	363649.3	3766483	2.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
331	ALL	362699.3	3766208	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1563	ALL	363099.3	3766958	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
57	ALL	363024.3	3766033	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
63	ALL	363174.3	3766033	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
211	ALL	362774.3	3766133	2.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
487	ALL	363524.3	3766283	2.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1306	ALL	362824.3	3766808	2.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1648	ALL	363174.3	3767008	2.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
452	ALL	362649.3	3766283	2.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1012	ALL	362649.3	3766633	2.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
320	ALL	363449.3	3766183	2.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
278	ALL	363424.3	3766158	2.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1520	ALL	363049.3	3766933	2.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
108	ALL	363274.3	3766058	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
151	ALL	363324.3	3766083	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
56	ALL	362999.3	3766033	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1434	ALL	362949.3	3766883	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1477	ALL	362999.3	3766908	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
132	ALL	362849.3	3766083	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
371	ALL	362674.3	3766233	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
64	ALL	363199.3	3766033	2.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
362	ALL	363474.3	3766208	2.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1391	ALL	362899.3	3766858	2.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
236	ALL	363399.3	3766133	2.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
171	ALL	362799.3	3766108	2.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
93	ALL	362899.3	3766058	2.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
695	ALL	363599.3	3766408	2.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
55	ALL	362974.3	3766033	2.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

404	ALL	363499.3	3766233	2.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
194	ALL	363374.3	3766108	2.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1348	ALL	362849.3	3766833	2.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
65	ALL	363224.3	3766033	2.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1179	ALL	362724.3	3766733	2.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1605	ALL	363124.3	3766983	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
612	ALL	363574.3	3766358	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
411	ALL	362649.3	3766258	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1221	ALL	362749.3	3766758	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
529	ALL	363549.3	3766308	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
250	ALL	362724.3	3766158	2.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1137	ALL	362699.3	3766708	2.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
290	ALL	362699.3	3766183	2.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1263	ALL	362774.3	3766783	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
109	ALL	363299.3	3766058	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
210	ALL	362749.3	3766133	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
131	ALL	362824.3	3766083	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
54	ALL	362949.3	3766033	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
92	ALL	362874.3	3766058	2.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1562	ALL	363074.3	3766958	2.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
446	ALL	363524.3	3766258	2.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
330	ALL	362674.3	3766208	2.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
736	ALL	363624.3	3766433	2.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
152	ALL	363349.3	3766083	2.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1095	ALL	362674.3	3766683	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1476	ALL	362974.3	3766908	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
66	ALL	363249.3	3766033	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1433	ALL	362924.3	3766883	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1519	ALL	363024.3	3766933	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
19	ALL	363099.3	3766008	2.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
170	ALL	362774.3	3766108	2.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
18	ALL	363074.3	3766008	2.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
20	ALL	363124.3	3766008	2.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1305	ALL	362799.3	3766808	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1647	ALL	363149.3	3767008	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1390	ALL	362874.3	3766858	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
17	ALL	363049.3	3766008	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
21	ALL	363149.3	3766008	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
53	ALL	362924.3	3766033	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
279	ALL	363449.3	3766158	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
776	ALL	363649.3	3766458	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
370	ALL	362649.3	3766233	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1053	ALL	362649.3	3766658	2.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
321	ALL	363474.3	3766183	2.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
654	ALL	363599.3	3766383	2.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
237	ALL	363424.3	3766133	2.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
16	ALL	363024.3	3766008	2.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
571	ALL	363574.3	3766333	2.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
22	ALL	363174.3	3766008	2.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
91	ALL	362849.3	3766058	2.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
488	ALL	363549.3	3766283	2.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
130	ALL	362799.3	3766083	2.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
363	ALL	363499.3	3766208	2.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
195	ALL	363399.3	3766108	2.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
110	ALL	363324.3	3766058	2.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
67	ALL	363274.3	3766033	1.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
15	ALL	362999.3	3766008	1.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
249	ALL	362699.3	3766158	1.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1347	ALL	362824.3	3766833	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1604	ALL	363099.3	3766983	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
209	ALL	362724.3	3766133	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
52	ALL	362899.3	3766033	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
23	ALL	363199.3	3766008	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
289	ALL	362674.3	3766183	1.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1220	ALL	362724.3	3766758	1.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1178	ALL	362699.3	3766733	1.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1561	ALL	363049.3	3766958	1.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
405	ALL	363524.3	3766233	1.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
169	ALL	362749.3	3766108	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
14	ALL	362974.3	3766008	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
153	ALL	363374.3	3766083	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1475	ALL	362949.3	3766908	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1518	ALL	362999.3	3766933	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1432	ALL	362899.3	3766883	1.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
329	ALL	362649.3	3766208	1.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
696	ALL	363624.3	3766408	1.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1262	ALL	362749.3	3766783	1.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1136	ALL	362674.3	3766708	1.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
90	ALL	362824.3	3766058	1.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
24	ALL	363224.3	3766008	1.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
613	ALL	363599.3	3766358	1.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

530	ALL	363574.3	3766308	1.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
51	ALL	362874.3	3766033	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1389	ALL	362849.3	3766858	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
129	ALL	362774.3	3766083	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
13	ALL	362949.3	3766008	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
68	ALL	363299.3	3766033	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1304	ALL	362774.3	3766808	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1646	ALL	363124.3	3767008	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
447	ALL	363549.3	3766258	1.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
111	ALL	363349.3	3766058	1.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1094	ALL	362649.3	3766683	1.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
280	ALL	363474.3	3766158	1.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
238	ALL	363449.3	3766133	1.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
737	ALL	363649.3	3766433	1.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
25	ALL	363249.3	3766008	1.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
208	ALL	362699.3	3766133	1.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
248	ALL	362674.3	3766158	1.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
322	ALL	363499.3	3766183	1.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
196	ALL	363424.3	3766108	1.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
12	ALL	362924.3	3766008	1.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1603	ALL	363074.3	3766983	1.86E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
168	ALL	362724.3	3766108	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
89	ALL	362799.3	3766058	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
50	ALL	362849.3	3766033	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
288	ALL	362649.3	3766183	1.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1346	ALL	362799.3	3766833	1.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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1474	ALL	362924.3	3766908	1.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1560	ALL	363024.3	3766958	1.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
364	ALL	363524.3	3766208	1.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
154	ALL	363399.3	3766083	1.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
655	ALL	363624.3	3766383	1.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
572	ALL	363599.3	3766333	1.83E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1431	ALL	362874.3	3766883	1.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
489	ALL	363574.3	3766283	1.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
69	ALL	363324.3	3766033	1.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
128	ALL	362749.3	3766083	1.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
11	ALL	362899.3	3766008	1.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1219	ALL	362699.3	3766758	1.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
26	ALL	363274.3	3766008	1.81E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1177	ALL	362674.3	3766733	1.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1261	ALL	362724.3	3766783	1.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
112	ALL	363374.3	3766058	1.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
406	ALL	363549.3	3766233	1.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1388	ALL	362824.3	3766858	1.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
49	ALL	362824.3	3766033	1.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1645	ALL	363099.3	3767008	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1135	ALL	362649.3	3766708	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
88	ALL	362774.3	3766058	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1303	ALL	362749.3	3766808	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
207	ALL	362674.3	3766133	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
697	ALL	363649.3	3766408	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
10	ALL	362874.3	3766008	1.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
247	ALL	362649.3	3766158	1.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
167	ALL	362699.3	3766108	1.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1602	ALL	363049.3	3766983	1.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
239	ALL	363474.3	3766133	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1516	ALL	362949.3	3766933	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
531	ALL	363599.3	3766308	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
614	ALL	363624.3	3766358	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
27	ALL	363299.3	3766008	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
281	ALL	363499.3	3766158	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1559	ALL	362999.3	3766958	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
197	ALL	363449.3	3766108	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1473	ALL	362899.3	3766908	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
70	ALL	363349.3	3766033	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
127	ALL	362724.3	3766083	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
448	ALL	363574.3	3766258	1.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1430	ALL	362849.3	3766883	1.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
155	ALL	363424.3	3766083	1.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
323	ALL	363524.3	3766183	1.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1345	ALL	362774.3	3766833	1.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
48	ALL	362799.3	3766033	1.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
9	ALL	362849.3	3766008	1.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
87	ALL	362749.3	3766058	1.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
113	ALL	363399.3	3766058	1.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
365	ALL	363549.3	3766208	1.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1218	ALL	362674.3	3766758	1.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1644	ALL	363074.3	3767008	1.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1387	ALL	362799.3	3766858	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
28	ALL	363324.3	3766008	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1260	ALL	362699.3	3766783	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
656	ALL	363649.3	3766383	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
206	ALL	362649.3	3766133	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
573	ALL	363624.3	3766333	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1176	ALL	362649.3	3766733	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
490	ALL	363599.3	3766283	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
166	ALL	362674.3	3766108	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1601	ALL	363024.3	3766983	1.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1558	ALL	362974.3	3766958	1.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1515	ALL	362924.3	3766933	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
8	ALL	362824.3	3766008	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
126	ALL	362699.3	3766083	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
47	ALL	362774.3	3766033	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
71	ALL	363374.3	3766033	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1302	ALL	362724.3	3766808	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1472	ALL	362874.3	3766908	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
407	ALL	363574.3	3766233	1.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
198	ALL	363474.3	3766108	1.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
240	ALL	363499.3	3766133	1.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
86	ALL	362724.3	3766058	1.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1429	ALL	362824.3	3766883	1.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
156	ALL	363449.3	3766083	1.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
282	ALL	363524.3	3766158	1.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1344	ALL	362749.3	3766833	1.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
29	ALL	363349.3	3766008	1.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
114	ALL	363424.3	3766058	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
532	ALL	363624.3	3766308	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
7	ALL	362799.3	3766008	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
324	ALL	363549.3	3766183	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
615	ALL	363649.3	3766358	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
449	ALL	363599.3	3766258	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1643	ALL	363049.3	3767008	1.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
46	ALL	362749.3	3766033	1.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
165	ALL	362649.3	3766108	1.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1557	ALL	362949.3	3766958	1.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1600	ALL	362999.3	3766983	1.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
125	ALL	362674.3	3766083	1.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1514	ALL	362899.3	3766933	1.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1386	ALL	362774.3	3766858	1.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
72	ALL	363399.3	3766033	1.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1471	ALL	362849.3	3766908	1.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1217	ALL	362649.3	3766758	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
366	ALL	363574.3	3766208	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1259	ALL	362674.3	3766783	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
85	ALL	362699.3	3766058	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1301	ALL	362699.3	3766808	1.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
6	ALL	362774.3	3766008	1.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
491	ALL	363624.3	3766283	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
574	ALL	363649.3	3766333	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1428	ALL	362799.3	3766883	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
30	ALL	363374.3	3766008	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
199	ALL	363499.3	3766108	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
45	ALL	362724.3	3766033	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
157	ALL	363474.3	3766083	1.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
241	ALL	363524.3	3766133	1.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
408	ALL	363599.3	3766233	1.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1343	ALL	362724.3	3766833	1.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
115	ALL	363449.3	3766058	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1642	ALL	363024.3	3767008	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
283	ALL	363549.3	3766158	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
124	ALL	362649.3	3766083	1.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1599	ALL	362974.3	3766983	1.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1556	ALL	362924.3	3766958	1.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1513	ALL	362874.3	3766933	1.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
84	ALL	362674.3	3766058	1.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
5	ALL	362749.3	3766008	1.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
73	ALL	363424.3	3766033	1.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1470	ALL	362824.3	3766908	1.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
325	ALL	363574.3	3766183	1.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1385	ALL	362749.3	3766858	1.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
533	ALL	363649.3	3766308	1.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
450	ALL	363624.3	3766258	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
44	ALL	362699.3	3766033	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
31	ALL	363399.3	3766008	1.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1258	ALL	362649.3	3766783	1.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
367	ALL	363599.3	3766208	1.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1300	ALL	362674.3	3766808	1.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1427	ALL	362774.3	3766883	1.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1641	ALL	362999.3	3767008	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
4	ALL	362724.3	3766008	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
158	ALL	363499.3	3766083	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

200	ALL	363524.3	3766108	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1555	ALL	362899.3	3766958	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1598	ALL	362949.3	3766983	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1512	ALL	362849.3	3766933	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1342	ALL	362699.3	3766833	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
116	ALL	363474.3	3766058	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
83	ALL	362649.3	3766058	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
242	ALL	363549.3	3766133	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
492	ALL	363649.3	3766283	1.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
74	ALL	363449.3	3766033	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1469	ALL	362799.3	3766908	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
43	ALL	362674.3	3766033	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
409	ALL	363624.3	3766233	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
284	ALL	363574.3	3766158	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1384	ALL	362724.3	3766858	1.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
32	ALL	363424.3	3766008	1.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
3	ALL	362699.3	3766008	1.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
326	ALL	363599.3	3766183	1.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1640	ALL	362974.3	3767008	1.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1554	ALL	362874.3	3766958	1.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1426	ALL	362749.3	3766883	1.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1597	ALL	362924.3	3766983	1.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1511	ALL	362824.3	3766933	1.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
451	ALL	363649.3	3766258	1.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1299	ALL	362649.3	3766808	1.33E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
42	ALL	362649.3	3766033	1.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
159	ALL	363524.3	3766083	1.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
117	ALL	363499.3	3766058	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
368	ALL	363624.3	3766208	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
201	ALL	363549.3	3766108	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1341	ALL	362674.3	3766833	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
75	ALL	363474.3	3766033	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1468	ALL	362774.3	3766908	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
243	ALL	363574.3	3766133	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
2	ALL	362674.3	3766008	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1383	ALL	362699.3	3766858	1.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
33	ALL	363449.3	3766008	1.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
285	ALL	363599.3	3766158	1.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1596	ALL	362899.3	3766983	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1553	ALL	362849.3	3766958	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1639	ALL	362949.3	3767008	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
410	ALL	363649.3	3766233	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1425	ALL	362724.3	3766883	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1510	ALL	362799.3	3766933	1.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
327	ALL	363624.3	3766183	1.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1	ALL	362649.3	3766008	1.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
118	ALL	363524.3	3766058	1.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
160	ALL	363549.3	3766083	1.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1467	ALL	362749.3	3766908	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
76	ALL	363499.3	3766033	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1340	ALL	362649.3	3766833	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
202	ALL	363574.3	3766108	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
34	ALL	363474.3	3766008	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1595	ALL	362874.3	3766983	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
369	ALL	363649.3	3766208	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1552	ALL	362824.3	3766958	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1638	ALL	362924.3	3767008	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1382	ALL	362674.3	3766858	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
244	ALL	363599.3	3766133	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1509	ALL	362774.3	3766933	1.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1424	ALL	362699.3	3766883	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
286	ALL	363624.3	3766158	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1466	ALL	362724.3	3766908	1.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
119	ALL	363549.3	3766058	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
328	ALL	363649.3	3766183	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1594	ALL	362849.3	3766983	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
77	ALL	363524.3	3766033	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1637	ALL	362899.3	3767008	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
161	ALL	363574.3	3766083	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1551	ALL	362799.3	3766958	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
35	ALL	363499.3	3766008	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
203	ALL	363599.3	3766108	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1508	ALL	362749.3	3766933	1.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1381	ALL	362649.3	3766858	1.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
245	ALL	363624.3	3766133	1.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1423	ALL	362674.3	3766883	1.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
287	ALL	363649.3	3766158	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1593	ALL	362824.3	3766983	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1465	ALL	362699.3	3766908	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1636	ALL	362874.3	3767008	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1550	ALL	362774.3	3766958	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

78	ALL	363549.3	3766033	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
120	ALL	363574.3	3766058	1.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
36	ALL	363524.3	3766008	1.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
162	ALL	363599.3	3766083	1.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1507	ALL	362724.3	3766933	1.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
204	ALL	363624.3	3766108	1.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1592	ALL	362799.3	3766983	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1635	ALL	362849.3	3767008	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1422	ALL	362649.3	3766883	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
246	ALL	363649.3	3766133	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1549	ALL	362749.3	3766958	1.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1464	ALL	362674.3	3766908	1.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
79	ALL	363574.3	3766033	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
37	ALL	363549.3	3766008	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
121	ALL	363599.3	3766058	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1506	ALL	362699.3	3766933	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
163	ALL	363624.3	3766083	1.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1634	ALL	362824.3	3767008	1.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1591	ALL	362774.3	3766983	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
205	ALL	363649.3	3766108	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1548	ALL	362724.3	3766958	1.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1463	ALL	362649.3	3766908	9.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
38	ALL	363574.3	3766008	9.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
80	ALL	363599.3	3766033	9.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1505	ALL	362674.3	3766933	9.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1633	ALL	362799.3	3767008	9.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
122	ALL	363624.3	3766058	9.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1590	ALL	362749.3	3766983	9.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
164	ALL	363649.3	3766083	9.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1547	ALL	362699.3	3766958	9.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1632	ALL	362774.3	3767008	9.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1589	ALL	362724.3	3766983	9.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
39	ALL	363599.3	3766008	9.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1504	ALL	362649.3	3766933	9.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
81	ALL	363624.3	3766033	9.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
123	ALL	363649.3	3766058	9.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1546	ALL	362674.3	3766958	9.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1631	ALL	362749.3	3767008	8.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1588	ALL	362699.3	3766983	8.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
40	ALL	363624.3	3766008	8.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
82	ALL	363649.3	3766033	8.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1545	ALL	362649.3	3766958	8.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1630	ALL	362724.3	3767008	8.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1587	ALL	362674.3	3766983	8.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
41	ALL	363649.3	3766008	8.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1629	ALL	362699.3	3767008	8.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1586	ALL	362649.3	3766983	8.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1628	ALL	362674.3	3767008	7.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1627	ALL	362649.3	3767008	7.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

*HARP - HRACalc v19044 10/5/2020 11:58:40 AM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_RES\hra\SM_Wellness_RES_UnmitHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
910	ALL		363171.2	3766555	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-02
871	ALL		363199.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-02
796	ALL		363124.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-02
833	ALL		363204.3	3766515	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-02
911	ALL		363199.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-02
951	ALL		363159.5	3766568	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-02
832	ALL		363099.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-02
758	ALL		363149.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-02
909	ALL		363124.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-02
870	ALL		363099.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-02
872	ALL		363224.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-02
912	ALL		363224.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-02
795	ALL		363099.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-02
952	ALL		363199.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-02
757	ALL		363124.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-02
834	ALL		363224.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-02
953	ALL		363224.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-02
950	ALL		363149.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-02
677	ALL		363162.3	3766444	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-02
913	ALL		363249.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-02
908	ALL		363099.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-02
993	ALL		363199.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
756	ALL		363099.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-02
873	ALL		363249.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-02
954	ALL		363249.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-03
831	ALL		363074.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-03
994	ALL		363224.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-03
992	ALL		363174.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-03
949	ALL		363124.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-03
869	ALL		363074.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	8.68E-03
794	ALL		363074.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-03
718	ALL		363149.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-03
995	ALL		363249.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-03
717	ALL		363124.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-03
835	ALL		363249.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-03
955	ALL		363274.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	7.07E-03
914	ALL		363274.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-03
991	ALL		363149.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-03
1035	ALL		363224.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-03
996	ALL		363274.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-03
755	ALL		363074.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-03
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1034	ALL		363199.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-03
1036	ALL		363249.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-03
874	ALL		363274.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-03
948	ALL		363099.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-03
716	ALL		363099.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-03
1037	ALL		363274.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-03
830	ALL		363049.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-03
1033	ALL		363174.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-03
719	ALL		363199.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-03
759	ALL		363224.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-03
956	ALL		363299.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-03
997	ALL		363299.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-03
793	ALL		363049.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-03
990	ALL		363124.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-03
868	ALL		363049.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-03
915	ALL		363299.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-03
797	ALL		363249.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-03
1077	ALL		363249.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-03
1038	ALL		363299.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-03
1076	ALL		363224.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-03
836	ALL		363274.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-03
715	ALL		363074.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-03
676	ALL		363124.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-03
1078	ALL		363274.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-03
947	ALL		363074.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.05E-03
754	ALL		363049.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-03
678	ALL		363174.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-03
1032	ALL		363149.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-03
1075	ALL		363199.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-03
875	ALL		363299.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-03
906	ALL		363049.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-03
998	ALL		363324.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-03
1079	ALL		363299.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-03
957	ALL		363324.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-03
675	ALL		363099.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-03
989	ALL		363099.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-03
1039	ALL		363324.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-03
720	ALL		363224.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-03

916	ALL	363324.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-03
1074	ALL	363174.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-03
1118	ALL	363249.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
1119	ALL	363274.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-03
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679	ALL	363199.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-03
760	ALL	363249.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-03
714	ALL	363049.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-03
792	ALL	363024.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
1120	ALL	363299.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03
1117	ALL	363224.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-03
1031	ALL	363124.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
867	ALL	363024.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-03
674	ALL	363074.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-03
798	ALL	363274.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-03
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636	ALL	363149.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
876	ALL	363324.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-03
1116	ALL	363199.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-03
635	ALL	363124.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03
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1073	ALL	363149.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-03
637	ALL	363174.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-03
1160	ALL	363274.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-03
1122	ALL	363349.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-03
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721	ALL	363249.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-03
1159	ALL	363249.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03
673	ALL	363049.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03
1162	ALL	363324.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-03
1041	ALL	363374.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03
713	ALL	363024.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-03
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1115	ALL	363174.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-03
828	ALL	362999.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-03
1158	ALL	363224.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03
761	ALL	363274.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
1163	ALL	363349.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-03
638	ALL	363199.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
1123	ALL	363374.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
791	ALL	362999.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03
987	ALL	363049.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-03
633	ALL	363074.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03
945	ALL	363024.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03
959	ALL	363374.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03
866	ALL	362999.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-03
1072	ALL	363124.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03
799	ALL	363299.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-03
838	ALL	363324.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
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752	ALL	362999.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
1202	ALL	363299.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03
1164	ALL	363374.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
877	ALL	363349.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03
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1201	ALL	363274.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-03
1083	ALL	363399.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-03
1042	ALL	363399.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03
1157	ALL	363199.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
672	ALL	363024.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-03
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1204	ALL	363349.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03
1124	ALL	363399.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-03
681	ALL	363249.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
595	ALL	363149.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
594	ALL	363124.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-03
1001	ALL	363399.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
918	ALL	363374.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03

632	ALL	363049.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03
1114	ALL	363149.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-03
1200	ALL	363249.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-03
639	ALL	363224.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-03
712	ALL	362999.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03
1071	ALL	363099.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1165	ALL	363399.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03
1205	ALL	363374.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
593	ALL	363099.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
596	ALL	363174.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
722	ALL	363274.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-03
986	ALL	363024.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-03
960	ALL	363399.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03
1028	ALL	363049.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03
1084	ALL	363424.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1244	ALL	363324.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
827	ALL	362974.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
1199	ALL	363224.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
944	ALL	362999.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1125	ALL	363424.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
1206	ALL	363399.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
790	ALL	362974.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
1243	ALL	363299.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03
592	ALL	363074.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1245	ALL	363349.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
762	ALL	363299.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1156	ALL	363174.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-03
1043	ALL	363424.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
597	ALL	363199.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03
865	ALL	362974.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1166	ALL	363424.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-03
1246	ALL	363374.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
631	ALL	363024.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
800	ALL	363324.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03
839	ALL	363349.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03
751	ALL	362974.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
671	ALL	362999.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1242	ALL	363274.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03
1070	ALL	363074.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1113	ALL	363124.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
878	ALL	363374.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03
1002	ALL	363424.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03
1207	ALL	363424.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-03
640	ALL	363249.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
1247	ALL	363399.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-03
903	ALL	362974.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
682	ALL	363274.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03
919	ALL	363399.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
591	ALL	363049.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-03
1198	ALL	363199.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-03
711	ALL	362974.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1241	ALL	363249.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1126	ALL	363449.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03
1085	ALL	363449.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-03
1167	ALL	363449.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
598	ALL	363224.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
553	ALL	363124.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-03
1027	ALL	363024.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
985	ALL	362999.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
554	ALL	363149.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1286	ALL	363349.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03
1248	ALL	363424.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1285	ALL	363324.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-03
1287	ALL	363374.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-03
961	ALL	363424.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1155	ALL	363149.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
723	ALL	363299.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
1044	ALL	363449.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
552	ALL	363099.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
1208	ALL	363449.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03
555	ALL	363174.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
630	ALL	362999.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1112	ALL	363099.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1284	ALL	363299.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
1288	ALL	363399.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03
943	ALL	362974.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03
1069	ALL	363049.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03
826	ALL	362949.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-03
590	ALL	363024.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
789	ALL	362949.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
1240	ALL	363224.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03
670	ALL	362974.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03

551	ALL	363074.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
1249	ALL	363449.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-03
763	ALL	363324.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
1289	ALL	363424.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
1003	ALL	363449.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
864	ALL	362949.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1283	ALL	363274.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1127	ALL	363474.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
1168	ALL	363474.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
750	ALL	362949.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
1197	ALL	363174.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
556	ALL	363199.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03
801	ALL	363349.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
840	ALL	363374.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-03
879	ALL	363399.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
641	ALL	363274.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1209	ALL	363474.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03
1086	ALL	363474.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
599	ALL	363249.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03
1328	ALL	363374.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1327	ALL	363349.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03
1290	ALL	363449.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
920	ALL	363424.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
550	ALL	363049.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03
1026	ALL	362999.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1154	ALL	363124.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1329	ALL	363399.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
902	ALL	362949.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
1250	ALL	363474.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
683	ALL	363299.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03
710	ALL	362949.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03
1111	ALL	363074.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-04
1326	ALL	363324.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
984	ALL	362974.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-04
1045	ALL	363474.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
1282	ALL	363249.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-04
1330	ALL	363424.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-04
1239	ALL	363199.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-04
629	ALL	362974.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	9.68E-04
589	ALL	362999.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-04
962	ALL	363449.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-04
557	ALL	363224.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	9.50E-04
1068	ALL	363024.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-04
1291	ALL	363474.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-04
1169	ALL	363499.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-04
512	ALL	363124.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-04
1325	ALL	363299.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.31E-04
1210	ALL	363499.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-04
513	ALL	363149.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.27E-04
1128	ALL	363499.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-04
1331	ALL	363449.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04
724	ALL	363324.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-04
511	ALL	363099.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
942	ALL	362949.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-04
1196	ALL	363149.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
669	ALL	362949.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
549	ALL	363024.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	9.05E-04
1251	ALL	363499.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	8.99E-04
1004	ALL	363474.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-04
514	ALL	363174.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
1087	ALL	363499.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-04
788	ALL	362924.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
825	ALL	362924.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	8.81E-04
1370	ALL	363399.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-04
1369	ALL	363374.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-04
1281	ALL	363224.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
1153	ALL	363099.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-04
1332	ALL	363474.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
510	ALL	363074.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-04
1324	ALL	363274.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-04
1292	ALL	363499.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-04
749	ALL	362924.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
600	ALL	363274.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-04
1371	ALL	363424.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.52E-04
764	ALL	363349.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-04
863	ALL	362924.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04
1110	ALL	363049.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04
1368	ALL	363349.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-04
642	ALL	363299.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	8.39E-04
1025	ALL	362974.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-04
841	ALL	363399.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-04
802	ALL	363374.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04

880	ALL	363424.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-04
515	ALL	363199.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
588	ALL	362974.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-04
1238	ALL	363174.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-04
1372	ALL	363449.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-04
558	ALL	363249.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	8.18E-04
1046	ALL	363499.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-04
1211	ALL	363524.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-04
1170	ALL	363524.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-04
921	ALL	363449.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-04
709	ALL	362924.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-04
628	ALL	362949.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
1367	ALL	363324.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-04
1252	ALL	363524.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
509	ALL	363049.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-04
1333	ALL	363499.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
983	ALL	362949.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-04
901	ALL	362924.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
548	ALL	362999.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	7.97E-04
1067	ALL	362999.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-04
1129	ALL	363524.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-04
684	ALL	363324.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
1373	ALL	363474.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
963	ALL	363474.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-04
1293	ALL	363524.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
1195	ALL	363124.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-04
1323	ALL	363249.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-04
1152	ALL	363074.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	7.52E-04
1366	ALL	363299.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-04
1280	ALL	363199.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	7.48E-04
1411	ALL	363399.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-04
668	ALL	362924.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
516	ALL	363224.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-04
1412	ALL	363424.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
1088	ALL	363524.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-04
1374	ALL	363499.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-04
1334	ALL	363524.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-04
508	ALL	363024.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
1005	ALL	363499.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	7.31E-04
941	ALL	362924.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-04
1109	ALL	363024.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
1413	ALL	363449.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-04
1410	ALL	363374.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-04
471	ALL	363124.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.22E-04
725	ALL	363349.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
472	ALL	363149.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-04
1212	ALL	363549.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	7.15E-04
1253	ALL	363549.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-04
470	ALL	363099.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
787	ALL	362899.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-04
1414	ALL	363474.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
824	ALL	362899.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
587	ALL	362949.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-04
1171	ALL	363549.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
601	ALL	363299.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-04
1237	ALL	363149.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	7.00E-04
547	ALL	362974.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
1294	ALL	363549.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04
1409	ALL	363349.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-04
559	ALL	363274.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-04
1024	ALL	362949.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-04
473	ALL	363174.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-04
748	ALL	362899.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04
1375	ALL	363524.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04
1365	ALL	363274.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
469	ALL	363074.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-04
862	ALL	362899.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
1322	ALL	363224.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
1047	ALL	363524.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-04
1066	ALL	362974.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-04
765	ALL	363374.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
643	ALL	363324.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-04
1415	ALL	363499.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04
1130	ALL	363549.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04
627	ALL	362924.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04
1335	ALL	363549.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-04
1194	ALL	363099.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-04
881	ALL	363449.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-04
842	ALL	363424.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04
803	ALL	363399.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
507	ALL	362999.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-04
1408	ALL	363324.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04

708	ALL	362899.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
1151	ALL	363049.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04
517	ALL	363249.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
982	ALL	362924.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-04
922	ALL	363474.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-04
474	ALL	363199.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-04
900	ALL	362899.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
1453	ALL	363424.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-04
468	ALL	363049.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-04
1279	ALL	363174.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04
1454	ALL	363449.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-04
1376	ALL	363549.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-04
1416	ALL	363524.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-04
964	ALL	363499.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-04
1254	ALL	363574.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-04
1452	ALL	363399.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-04
1089	ALL	363549.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-04
1108	ALL	362999.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
1455	ALL	363474.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
1213	ALL	363574.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
1295	ALL	363574.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-04
685	ALL	363349.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-04
667	ALL	362899.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
1364	ALL	363249.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-04
1407	ALL	363299.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
1336	ALL	363574.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.11E-04
546	ALL	362949.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
1172	ALL	363574.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
1456	ALL	363499.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-04
1451	ALL	363374.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-04
1006	ALL	363524.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04
1236	ALL	363124.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-04
586	ALL	362924.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	6.00E-04
1417	ALL	363549.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-04
467	ALL	363024.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-04
940	ALL	362899.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-04
475	ALL	363224.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-04
1321	ALL	363199.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-04
506	ALL	362974.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-04
1193	ALL	363074.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04
1377	ALL	363574.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
560	ALL	363299.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-04
1457	ALL	363524.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
1065	ALL	362949.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-04
1023	ALL	362924.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04
1450	ALL	363349.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
1150	ALL	363024.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-04
602	ALL	363324.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-04
1131	ALL	363574.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	5.77E-04
786	ALL	362874.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.75E-04
430	ALL	363124.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
726	ALL	363374.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.74E-04
823	ALL	362874.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-04
518	ALL	363274.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
1048	ALL	363549.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-04
431	ALL	363149.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-04
429	ALL	363099.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-04
626	ALL	362899.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-04
747	ALL	362874.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	5.66E-04
1296	ALL	363599.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
1255	ALL	363599.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04
1495	ALL	363449.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
1418	ALL	363574.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-04
1406	ALL	363274.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
1496	ALL	363474.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
861	ALL	362874.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-04
1458	ALL	363549.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-04
1337	ALL	363599.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
1278	ALL	363149.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-04
432	ALL	363174.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
428	ALL	363074.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
1494	ALL	363424.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-04
1214	ALL	363599.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-04
466	ALL	362999.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-04
644	ALL	363349.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-04
707	ALL	362874.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-04
1497	ALL	363499.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-04
981	ALL	362899.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.45E-04
766	ALL	363399.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
1363	ALL	363224.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
1107	ALL	362974.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04
1449	ALL	363324.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-04

882	ALL	363474.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04
1378	ALL	363599.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.39E-04
843	ALL	363449.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-04
923	ALL	363499.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-04
804	ALL	363424.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-04
476	ALL	363249.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-04
1090	ALL	363574.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
1493	ALL	363399.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-04
545	ALL	362924.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-04
1235	ALL	363099.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
899	ALL	362874.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
1498	ALL	363524.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-04
1173	ALL	363599.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-04
427	ALL	363049.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-04
505	ALL	362949.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
965	ALL	363524.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
1459	ALL	363574.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-04
1192	ALL	363049.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-04
433	ALL	363199.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-04
666	ALL	362874.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
1419	ALL	363599.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04
585	ALL	362899.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-04
1492	ALL	363374.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-04
1320	ALL	363174.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-04
1499	ALL	363549.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-04
1149	ALL	362999.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-04
1064	ALL	362924.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04
1007	ALL	363549.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
686	ALL	363374.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-04
1297	ALL	363624.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-04
1338	ALL	363624.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-04
1448	ALL	363299.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-04
465	ALL	362974.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-04
1405	ALL	363249.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-04
1256	ALL	363624.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-04
939	ALL	362874.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-04
1132	ALL	363599.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-04
561	ALL	363324.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.96E-04
426	ALL	363024.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-04
519	ALL	363299.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-04
1379	ALL	363624.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-04
1022	ALL	362899.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
1460	ALL	363599.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-04
1537	ALL	363474.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-04
1538	ALL	363499.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.88E-04
1500	ALL	363574.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-04
1491	ALL	363349.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-04
434	ALL	363224.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.85E-04
1277	ALL	363124.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
1049	ALL	363574.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
625	ALL	362874.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
1215	ALL	363624.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04
1536	ALL	363449.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-04
603	ALL	363349.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.80E-04
1539	ALL	363524.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-04
1420	ALL	363624.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-04
785	ALL	362849.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-04
1362	ALL	363199.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-04
477	ALL	363274.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-04
822	ALL	362849.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-04
1106	ALL	362949.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-04
746	ALL	362849.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
1234	ALL	363074.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-04
1535	ALL	363424.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-04
727	ALL	363399.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-04
389	ALL	363124.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-04
504	ALL	362924.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.67E-04
1191	ALL	363024.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-04
1540	ALL	363549.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-04
544	ALL	362899.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-04
388	ALL	363099.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-04
860	ALL	362849.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-04
390	ALL	363149.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
1501	ALL	363599.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
425	ALL	362999.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-04
1174	ALL	363624.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-04
706	ALL	362849.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
980	ALL	362874.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
1461	ALL	363624.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
1091	ALL	363599.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
1447	ALL	363274.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04
1534	ALL	363399.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-04

1339	ALL	363649.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-04
464	ALL	362949.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-04
1490	ALL	363324.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-04
387	ALL	363074.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-04
1298	ALL	363649.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
645	ALL	363374.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-04
1380	ALL	363649.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-04
1541	ALL	363574.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-04
391	ALL	363174.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-04
1148	ALL	362974.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.49E-04
767	ALL	363424.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-04
1319	ALL	363149.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-04
883	ALL	363499.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-04
924	ALL	363524.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-04
584	ALL	362874.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-04
844	ALL	363474.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-04
898	ALL	362849.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-04
435	ALL	363249.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-04
1404	ALL	363224.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-04
805	ALL	363449.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-04
1257	ALL	363649.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-04
1421	ALL	363649.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.41E-04
665	ALL	362849.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
966	ALL	363549.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
1063	ALL	362899.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-04
1502	ALL	363624.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-04
386	ALL	363049.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-04
1533	ALL	363374.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-04
1579	ALL	363499.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-04
1542	ALL	363599.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-04
1580	ALL	363524.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-04
1133	ALL	363624.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-04
1276	ALL	363099.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-04
392	ALL	363199.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-04
1008	ALL	363574.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-04
424	ALL	362974.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
1462	ALL	363649.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
520	ALL	363324.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-04
1578	ALL	363474.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-04
1216	ALL	363649.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-04
1233	ALL	363049.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-04
1581	ALL	363549.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-04
562	ALL	363349.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-04
478	ALL	363299.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
938	ALL	362849.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
1021	ALL	362874.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
1577	ALL	363449.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-04
1361	ALL	363174.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-04
687	ALL	363399.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-04
1190	ALL	362999.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-04
1489	ALL	363299.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-04
385	ALL	363024.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-04
624	ALL	362849.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-04
503	ALL	362899.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-04
1105	ALL	362924.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-04
1582	ALL	363574.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-04
1050	ALL	363599.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-04
1543	ALL	363624.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-04
1446	ALL	363249.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-04
463	ALL	362924.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-04
1532	ALL	363349.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-04
1503	ALL	363649.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-04
1576	ALL	363424.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-04
543	ALL	362874.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-04
784	ALL	362824.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-04
393	ALL	363224.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-04
604	ALL	363374.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-04
1175	ALL	363649.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-04
436	ALL	363274.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-04
821	ALL	362824.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-04
745	ALL	362824.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-04
1583	ALL	363599.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-04
1147	ALL	362949.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-04
1318	ALL	363124.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.95E-04
1092	ALL	363624.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.94E-04
423	ALL	362949.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.93E-04
384	ALL	362999.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-04
1403	ALL	363199.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-04
1575	ALL	363399.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-04
979	ALL	362849.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-04
705	ALL	362824.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-04
728	ALL	363424.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-04

859	ALL	362824.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-04
1544	ALL	363649.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-04
583	ALL	362849.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-04
348	ALL	363124.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-04
1275	ALL	363074.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-04
347	ALL	363099.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.85E-04
1584	ALL	363624.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-04
349	ALL	363149.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-04
1622	ALL	363549.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-04
1232	ALL	363024.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-04
1621	ALL	363524.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.82E-04
1531	ALL	363324.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.80E-04
1488	ALL	363274.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-04
1620	ALL	363499.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-04
346	ALL	363074.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-04
664	ALL	362824.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-04
1623	ALL	363574.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-04
1062	ALL	362874.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-04
646	ALL	363399.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-04
897	ALL	362824.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-04
768	ALL	363449.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-04
925	ALL	363549.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-04
884	ALL	363524.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-04
350	ALL	363174.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-04
1619	ALL	363474.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-04
1134	ALL	363649.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-04
1189	ALL	362974.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-04
394	ALL	363249.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-04
845	ALL	363499.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-04
967	ALL	363574.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-04
1574	ALL	363374.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-04
806	ALL	363474.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-04
462	ALL	362899.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-04
502	ALL	362874.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-04
479	ALL	363324.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-04
521	ALL	363349.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-04
1360	ALL	363149.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-04
1624	ALL	363599.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-04
1585	ALL	363649.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-04
383	ALL	362974.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-04
345	ALL	363049.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.67E-04
1445	ALL	363224.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-04
1618	ALL	363449.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-04
1009	ALL	363599.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-04
1104	ALL	362899.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-04
1020	ALL	362849.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-04
422	ALL	362924.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-04
623	ALL	362824.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-04
437	ALL	363299.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-04
351	ALL	363199.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-04
563	ALL	363374.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.59E-04
542	ALL	362849.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-04
937	ALL	362824.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-04
1625	ALL	363624.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-04
1317	ALL	363099.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-04
1051	ALL	363624.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-04
1617	ALL	363424.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-04
1146	ALL	362924.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-04
344	ALL	363024.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-04
688	ALL	363424.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-04
1530	ALL	363299.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-04
1274	ALL	363049.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-04
1573	ALL	363349.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-04
1402	ALL	363174.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-04
1231	ALL	362999.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-04
783	ALL	362799.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-04
1626	ALL	363649.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-04
744	ALL	362799.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-04
1487	ALL	363249.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-04
1664	ALL	363574.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-04
382	ALL	362949.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
820	ALL	362799.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
1663	ALL	363549.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
395	ALL	363274.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
1093	ALL	363649.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
605	ALL	363399.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-04
352	ALL	363224.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-04
582	ALL	362824.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-04
1662	ALL	363524.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-04
1665	ALL	363599.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-04
1616	ALL	363399.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-04
704	ALL	362799.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-04

978	ALL	362824.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-04
343	ALL	362999.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-04
1661	ALL	363499.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-04
1188	ALL	362949.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-04
858	ALL	362799.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-04
461	ALL	362874.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-04
1666	ALL	363624.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-04
729	ALL	363449.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-04
1061	ALL	362849.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-04
501	ALL	362849.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-04
1660	ALL	363474.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-04
421	ALL	362899.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-04
1359	ALL	363124.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-04
663	ALL	362799.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-04
307	ALL	363124.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-04
1444	ALL	363199.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-04
306	ALL	363099.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-04
480	ALL	363349.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-04
896	ALL	362799.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-04
1572	ALL	363324.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-04
308	ALL	363149.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-04
1667	ALL	363649.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-04
1316	ALL	363074.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-04
305	ALL	363074.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-04
438	ALL	363324.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-04
1659	ALL	363449.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
522	ALL	363374.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
1615	ALL	363374.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
926	ALL	363574.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
647	ALL	363424.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
1529	ALL	363274.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-04
1273	ALL	363024.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-04
769	ALL	363474.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-04
885	ALL	363549.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-04
1103	ALL	362874.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.18E-04
968	ALL	363599.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-04
342	ALL	362974.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-04
353	ALL	363249.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-04
541	ALL	362824.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-04
381	ALL	362924.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-04
846	ALL	363524.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-04
309	ALL	363174.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-04
807	ALL	363499.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-04
1230	ALL	362974.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-04
622	ALL	362799.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-04
1019	ALL	362824.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-04
1145	ALL	362899.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-04
1010	ALL	363624.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-04
304	ALL	363049.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-04
396	ALL	363299.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-04
936	ALL	362799.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-04
1401	ALL	363149.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-04
564	ALL	363399.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-04
1658	ALL	363424.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-04
1486	ALL	363224.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-04
1052	ALL	363649.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-04
310	ALL	363199.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-04
303	ALL	363024.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-04
1187	ALL	362924.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-04
460	ALL	362849.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-04
420	ALL	362874.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-04
1614	ALL	363349.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-04
581	ALL	362799.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-04
341	ALL	362949.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-04
782	ALL	362774.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-04
689	ALL	363449.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-04
743	ALL	362774.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-04
1571	ALL	363299.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-04
1358	ALL	363099.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-04
819	ALL	362774.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-04
500	ALL	362824.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-04
354	ALL	363274.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-04
1315	ALL	363049.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-04
703	ALL	362774.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-04
1657	ALL	363399.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-04
977	ALL	362799.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-04
380	ALL	362899.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-04
606	ALL	363424.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-04
1443	ALL	363174.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-04
1272	ALL	362999.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-04
302	ALL	362999.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-04
311	ALL	363224.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-04

1528	ALL	363249.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-04
857	ALL	362774.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-04
1060	ALL	362824.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-04
662	ALL	362774.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-04
439	ALL	363349.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-04
481	ALL	363374.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-04
1229	ALL	362949.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-04
730	ALL	363474.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-04
540	ALL	362799.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-04
1102	ALL	362849.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-04
895	ALL	362774.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-04
397	ALL	363324.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.80E-04
340	ALL	362924.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-04
1144	ALL	362874.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-04
523	ALL	363399.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-04
266	ALL	363124.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-04
265	ALL	363099.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-04
1400	ALL	363124.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-04
1613	ALL	363324.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-04
301	ALL	362974.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-04
621	ALL	362774.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-04
1656	ALL	363374.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-04
267	ALL	363149.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-04
1485	ALL	363199.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-04
1018	ALL	362799.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-04
264	ALL	363074.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-04
927	ALL	363599.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-04
969	ALL	363624.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-04
419	ALL	362849.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-04
648	ALL	363449.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-04
312	ALL	363249.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-04
770	ALL	363499.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-04
886	ALL	363574.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-04
1186	ALL	362899.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-04
1011	ALL	363649.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-04
459	ALL	362824.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-04
1570	ALL	363274.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-04
847	ALL	363549.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-04
1357	ALL	363074.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-04
808	ALL	363524.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-04
268	ALL	363174.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
379	ALL	362874.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
355	ALL	363299.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
935	ALL	362774.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
263	ALL	363049.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
1314	ALL	363024.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-04
565	ALL	363424.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-04
1271	ALL	362974.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-04
580	ALL	362774.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-04
499	ALL	362799.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-04
300	ALL	362949.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-04
262	ALL	363024.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-04
269	ALL	363199.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-04
1442	ALL	363149.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-04
339	ALL	362899.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-04
1527	ALL	363224.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-04
781	ALL	362749.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-04
742	ALL	362749.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-04
1228	ALL	362924.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-04
1655	ALL	363349.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-04
818	ALL	362749.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-04
702	ALL	362749.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-04
976	ALL	362774.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-04
1059	ALL	362799.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-04
690	ALL	363474.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.56E-04
313	ALL	363274.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-04
1612	ALL	363299.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-04
440	ALL	363374.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-04
261	ALL	362999.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-04
856	ALL	362749.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-04
398	ALL	363349.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-04
607	ALL	363449.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-04
661	ALL	362749.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-04
1399	ALL	363099.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-04
539	ALL	362774.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-04
482	ALL	363399.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-04
270	ALL	363224.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-04
1101	ALL	362824.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.49E-04
418	ALL	362824.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-04
1143	ALL	362849.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-04
1356	ALL	363049.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-04
378	ALL	362849.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-04

299	ALL	362924.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-04
1313	ALL	362999.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-04
1484	ALL	363174.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-04
1569	ALL	363249.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-04
356	ALL	363324.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-04
894	ALL	362749.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-04
458	ALL	362799.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-04
1185	ALL	362874.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-04
620	ALL	362749.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-04
1270	ALL	362949.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-04
731	ALL	363499.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-04
524	ALL	363424.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-04
1017	ALL	362774.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-04
260	ALL	362974.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-04
338	ALL	362874.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-04
225	ALL	363124.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-04
224	ALL	363099.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-04
1654	ALL	363324.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-04
223	ALL	363074.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-04
226	ALL	363149.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-04
970	ALL	363649.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-04
928	ALL	363624.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-04
271	ALL	363249.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-04
498	ALL	362774.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
1227	ALL	362899.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
771	ALL	363524.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
934	ALL	362749.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
887	ALL	363599.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
649	ALL	363474.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-04
1441	ALL	363124.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-04
314	ALL	363299.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-04
579	ALL	362749.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-04
848	ALL	363574.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-04
1526	ALL	363199.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-04
809	ALL	363549.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-04
222	ALL	363049.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-04
227	ALL	363174.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-04
1611	ALL	363274.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04
298	ALL	362899.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04
566	ALL	363449.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04
259	ALL	362949.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-04
1398	ALL	363074.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-04
1355	ALL	363024.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
741	ALL	362724.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
780	ALL	362724.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
221	ALL	363024.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
1312	ALL	362974.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
377	ALL	362824.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-04
1058	ALL	362774.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-04
417	ALL	362799.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-04
399	ALL	363374.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
701	ALL	362724.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
228	ALL	363199.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
441	ALL	363399.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
975	ALL	362749.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
817	ALL	362724.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04
538	ALL	362749.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04
337	ALL	362849.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04
1269	ALL	362924.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04
1100	ALL	362799.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04
357	ALL	363349.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-04
1568	ALL	363224.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-04
1483	ALL	363149.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-04
272	ALL	363274.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
660	ALL	362724.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
1142	ALL	362824.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
691	ALL	363499.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
855	ALL	362724.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
457	ALL	362774.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
483	ALL	363424.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-04
220	ALL	362999.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-04
1653	ALL	363299.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-04
1184	ALL	362849.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04
258	ALL	362924.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04
608	ALL	363474.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04
229	ALL	363224.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-04
297	ALL	362874.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-04
315	ALL	363324.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-04
619	ALL	362724.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-04
893	ALL	362724.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-04
1440	ALL	363099.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-04
1016	ALL	362749.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-04

1226	ALL	362874.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-04
525	ALL	363449.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.14E-04
219	ALL	362974.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-04
497	ALL	362749.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-04
1397	ALL	363049.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-04
1610	ALL	363249.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-04
732	ALL	363524.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-04
1525	ALL	363174.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-04
1354	ALL	362999.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-04
578	ALL	362724.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-04
1311	ALL	362949.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-04
376	ALL	362799.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-04
183	ALL	363099.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-04
933	ALL	362724.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-04
184	ALL	363124.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-04
336	ALL	362824.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-04
273	ALL	363299.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-04
257	ALL	362899.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
182	ALL	363074.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
230	ALL	363249.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
929	ALL	363649.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
185	ALL	363149.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
416	ALL	362774.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
772	ALL	363549.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-04
1268	ALL	362899.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-04
888	ALL	363624.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-04
650	ALL	363499.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-04
181	ALL	363049.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-04
218	ALL	362949.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-04
849	ALL	363599.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-04
810	ALL	363574.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-04
400	ALL	363399.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-04
567	ALL	363474.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
296	ALL	362849.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
186	ALL	363174.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
358	ALL	363374.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
1057	ALL	362749.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
740	ALL	362699.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
1482	ALL	363124.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
779	ALL	362699.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
537	ALL	362724.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
442	ALL	363424.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
1652	ALL	363274.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
1567	ALL	363199.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-04
700	ALL	362699.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-04
456	ALL	362749.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-04
974	ALL	362724.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
180	ALL	363024.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
816	ALL	362699.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
1099	ALL	362774.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
1141	ALL	362799.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
316	ALL	363349.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-04
659	ALL	362699.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-04
1183	ALL	362824.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-04
187	ALL	363199.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-04
1439	ALL	363074.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-04
854	ALL	362699.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-04
484	ALL	363449.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-04
1396	ALL	363024.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-04
1353	ALL	362974.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-04
231	ALL	363274.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-04
256	ALL	362874.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-04
217	ALL	362924.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-04
179	ALL	362999.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-04
1310	ALL	362924.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-04
692	ALL	363524.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-04
1225	ALL	362849.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-04
618	ALL	362699.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-04
274	ALL	363324.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-04
496	ALL	362724.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-04
1609	ALL	363224.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-04
335	ALL	362799.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-04
375	ALL	362774.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-04
1524	ALL	363149.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-04
609	ALL	363499.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-04
892	ALL	362699.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-04
1015	ALL	362724.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-04
188	ALL	363224.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-04
295	ALL	362824.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-04
415	ALL	362749.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-04
178	ALL	362974.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-04
526	ALL	363474.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-04

577	ALL	362699.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-04
1267	ALL	362874.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-04
216	ALL	362899.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-04
733	ALL	363549.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-04
932	ALL	362699.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-04
1481	ALL	363099.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-04
255	ALL	362849.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
359	ALL	363399.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
1651	ALL	363249.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
232	ALL	363299.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
401	ALL	363424.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
142	ALL	363099.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
143	ALL	363124.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
455	ALL	362724.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
189	ALL	363249.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
1566	ALL	363174.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
1395	ALL	362999.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
1438	ALL	363049.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
141	ALL	363074.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
317	ALL	363374.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
177	ALL	362949.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
536	ALL	362699.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
1352	ALL	362949.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
144	ALL	363149.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
1056	ALL	362724.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
773	ALL	363574.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
889	ALL	363649.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-04
739	ALL	362674.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-04
651	ALL	363524.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-04
140	ALL	363049.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-04
443	ALL	363449.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-04
778	ALL	362674.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
699	ALL	362674.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
850	ALL	363624.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
811	ALL	363599.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
1140	ALL	362774.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
1309	ALL	362899.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-04
568	ALL	363499.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-04
1182	ALL	362799.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-04
973	ALL	362699.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-04
145	ALL	363174.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-04
1098	ALL	362749.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-04
815	ALL	362674.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04
275	ALL	363349.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04
334	ALL	362774.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04
658	ALL	362674.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04
139	ALL	363024.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04
294	ALL	362799.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04
374	ALL	362749.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04
215	ALL	362874.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04
1224	ALL	362824.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04
853	ALL	362674.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-04
1523	ALL	363124.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
176	ALL	362924.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
485	ALL	363474.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
1608	ALL	363199.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
495	ALL	362699.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
146	ALL	363199.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
617	ALL	362674.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-04
190	ALL	363274.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-04
138	ALL	362999.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-04
254	ALL	362824.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-04
414	ALL	362724.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-04
233	ALL	363324.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
1266	ALL	362849.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
1014	ALL	362699.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
693	ALL	363549.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
891	ALL	362674.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
1480	ALL	363074.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-04
576	ALL	362674.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04
1394	ALL	362974.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04
1437	ALL	363024.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04
610	ALL	363524.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04
147	ALL	363224.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-04
1351	ALL	362924.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-04
137	ALL	362974.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-04
1650	ALL	363224.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
527	ALL	363499.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
175	ALL	362899.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
214	ALL	362849.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
360	ALL	363424.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
454	ALL	362699.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04

318	ALL	363399.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
1565	ALL	363149.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
931	ALL	362674.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
402	ALL	363449.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04
1308	ALL	362874.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04
535	ALL	362674.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
333	ALL	362749.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
293	ALL	362774.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
734	ALL	363574.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
276	ALL	363374.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
191	ALL	363299.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-04
136	ALL	362949.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04
373	ALL	362724.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04
101	ALL	363099.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04
253	ALL	362799.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04
148	ALL	363249.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04
1139	ALL	362749.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
102	ALL	363124.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
738	ALL	362649.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
1181	ALL	362774.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
100	ALL	363074.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
444	ALL	363474.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
698	ALL	362649.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
777	ALL	362649.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
1522	ALL	363099.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
1055	ALL	362699.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
1223	ALL	362799.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
103	ALL	363149.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
774	ALL	363599.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
972	ALL	362674.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
1097	ALL	362724.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
99	ALL	363049.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
234	ALL	363349.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
657	ALL	362649.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
652	ALL	363549.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
814	ALL	362649.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
174	ALL	362874.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
1607	ALL	363174.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
494	ALL	362674.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
569	ALL	363524.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
812	ALL	363624.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
851	ALL	363649.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
1479	ALL	363049.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
413	ALL	362699.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
1436	ALL	362999.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
1393	ALL	362949.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
104	ALL	363174.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04
213	ALL	362824.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
98	ALL	363024.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
616	ALL	362649.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
1265	ALL	362824.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
135	ALL	362924.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
852	ALL	362649.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
1350	ALL	362899.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-04
486	ALL	363499.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-04
149	ALL	363274.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
105	ALL	363199.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
97	ALL	362999.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
1013	ALL	362674.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
192	ALL	363324.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
575	ALL	362649.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-04
890	ALL	362649.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04
292	ALL	362749.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04
1649	ALL	363199.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
1564	ALL	363124.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
332	ALL	362724.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
453	ALL	362674.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
319	ALL	363424.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
252	ALL	362774.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
1307	ALL	362849.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
173	ALL	362849.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
694	ALL	363574.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-04
361	ALL	363449.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-04
277	ALL	363399.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-04
134	ALL	362899.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-04
96	ALL	362974.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-04
106	ALL	363224.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-04
611	ALL	363549.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-04
372	ALL	362699.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-04
534	ALL	362649.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04
930	ALL	362649.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04
1521	ALL	363074.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04

403	ALL	363474.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04
528	ALL	363524.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04
212	ALL	362799.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04
235	ALL	363374.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-04
1435	ALL	362974.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-04
1478	ALL	363024.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-04
1392	ALL	362924.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04
1180	ALL	362749.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04
150	ALL	363299.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04
1138	ALL	362724.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-04
95	ALL	362949.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-04
735	ALL	363599.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-04
1222	ALL	362774.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-04
1606	ALL	363149.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
412	ALL	362674.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
445	ALL	363499.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
1349	ALL	362874.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
493	ALL	362649.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
107	ALL	363249.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
133	ALL	362874.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
60	ALL	363099.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
971	ALL	362649.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
172	ALL	362824.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
59	ALL	363074.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
61	ALL	363124.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
193	ALL	363349.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
1096	ALL	362699.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
1264	ALL	362799.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
58	ALL	363049.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-04
62	ALL	363149.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-04
1054	ALL	362674.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-04
775	ALL	363624.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-04
291	ALL	362724.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-04
251	ALL	362749.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-04
653	ALL	363574.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-04
570	ALL	363549.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
94	ALL	362924.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
813	ALL	363649.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
331	ALL	362699.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
1563	ALL	363099.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
57	ALL	363024.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
63	ALL	363174.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
211	ALL	362774.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04
487	ALL	363524.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04
1306	ALL	362824.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04
1648	ALL	363174.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04
452	ALL	362649.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
1012	ALL	362649.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
320	ALL	363449.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
278	ALL	363424.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
1520	ALL	363049.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
108	ALL	363274.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
151	ALL	363324.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
1434	ALL	362949.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
1477	ALL	362999.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
56	ALL	362999.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
132	ALL	362849.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
371	ALL	362674.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
64	ALL	363199.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
362	ALL	363474.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
1391	ALL	362899.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
236	ALL	363399.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
171	ALL	362799.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
93	ALL	362899.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
695	ALL	363599.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-04
55	ALL	362974.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-04
404	ALL	363499.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-04
194	ALL	363374.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-04
1348	ALL	362849.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
65	ALL	363224.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
1179	ALL	362724.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
1605	ALL	363124.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
612	ALL	363574.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
411	ALL	362649.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
1221	ALL	362749.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
529	ALL	363549.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
250	ALL	362724.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
1137	ALL	362699.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
290	ALL	362699.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
1263	ALL	362774.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
109	ALL	363299.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
210	ALL	362749.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04

131	ALL	362824.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
54	ALL	362949.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
92	ALL	362874.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
1562	ALL	363074.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04
446	ALL	363524.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04
330	ALL	362674.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04
736	ALL	363624.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04
152	ALL	363349.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04
1095	ALL	362674.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
1476	ALL	362974.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
66	ALL	363249.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
1433	ALL	362924.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
1519	ALL	363024.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
19	ALL	363099.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
170	ALL	362774.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
18	ALL	363074.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
20	ALL	363124.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1305	ALL	362799.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1647	ALL	363149.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1390	ALL	362874.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
17	ALL	363049.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
21	ALL	363149.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
53	ALL	362924.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
279	ALL	363449.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
776	ALL	363649.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
370	ALL	362649.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
1053	ALL	362649.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
321	ALL	363474.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
654	ALL	363599.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
237	ALL	363424.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
16	ALL	363024.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
571	ALL	363574.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
22	ALL	363174.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
91	ALL	362849.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04
488	ALL	363549.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04
130	ALL	362799.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04
363	ALL	363499.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04
195	ALL	363399.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
110	ALL	363324.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
67	ALL	363274.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
15	ALL	362999.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
249	ALL	362699.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
1347	ALL	362824.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
1604	ALL	363099.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
209	ALL	362724.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
52	ALL	362899.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
23	ALL	363199.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
289	ALL	362674.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
1220	ALL	362724.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
1178	ALL	362699.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
1561	ALL	363049.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
405	ALL	363524.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
169	ALL	362749.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
14	ALL	362974.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
153	ALL	363374.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
1475	ALL	362949.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
1518	ALL	362999.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04
1432	ALL	362899.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04
329	ALL	362649.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04
696	ALL	363624.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04
1262	ALL	362749.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04
1136	ALL	362674.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
90	ALL	362824.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
24	ALL	363224.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
613	ALL	363599.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
530	ALL	363574.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
51	ALL	362874.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
1389	ALL	362849.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
129	ALL	362774.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
13	ALL	362949.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
68	ALL	363299.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
1304	ALL	362774.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
1646	ALL	363124.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
447	ALL	363549.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
111	ALL	363349.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
1094	ALL	362649.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
280	ALL	363474.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
238	ALL	363449.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
737	ALL	363649.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
25	ALL	363249.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
208	ALL	362699.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04
248	ALL	362674.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04

322	ALL	363499.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04
196	ALL	363424.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04
12	ALL	362924.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04
1603	ALL	363074.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-04
168	ALL	362724.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
89	ALL	362799.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
50	ALL	362849.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
288	ALL	362649.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
1346	ALL	362799.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
1517	ALL	362974.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
1474	ALL	362924.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
1560	ALL	363024.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
364	ALL	363524.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
154	ALL	363399.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
655	ALL	363624.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
572	ALL	363599.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
1431	ALL	362874.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-04
489	ALL	363574.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-04
69	ALL	363324.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-04
128	ALL	362749.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-04
11	ALL	362899.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
26	ALL	363274.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
1219	ALL	362699.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
1177	ALL	362674.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
1261	ALL	362724.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
112	ALL	363374.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
406	ALL	363549.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
1388	ALL	362824.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
49	ALL	362824.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
1645	ALL	363099.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1135	ALL	362649.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
88	ALL	362774.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1303	ALL	362749.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
207	ALL	362674.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
697	ALL	363649.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
10	ALL	362874.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
247	ALL	362649.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
167	ALL	362699.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
1602	ALL	363049.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
239	ALL	363474.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
1516	ALL	362949.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
531	ALL	363599.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
614	ALL	363624.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
27	ALL	363299.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
281	ALL	363499.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
1559	ALL	362999.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
197	ALL	363449.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
1473	ALL	362899.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
70	ALL	363349.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
127	ALL	362724.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
448	ALL	363574.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
1430	ALL	362849.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
155	ALL	363424.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
323	ALL	363524.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
1345	ALL	362774.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
48	ALL	362799.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-04
9	ALL	362849.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-04
87	ALL	362749.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
113	ALL	363399.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
365	ALL	363549.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04
1218	ALL	362674.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04
1644	ALL	363074.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04
1387	ALL	362799.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
28	ALL	363324.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
1260	ALL	362699.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
656	ALL	363649.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
206	ALL	362649.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
573	ALL	363624.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
1176	ALL	362649.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
490	ALL	363599.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
166	ALL	362674.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
1601	ALL	363024.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
1558	ALL	362974.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
1515	ALL	362924.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
8	ALL	362824.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
126	ALL	362699.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
47	ALL	362774.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
71	ALL	363374.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
1302	ALL	362724.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
1472	ALL	362874.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
407	ALL	363574.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04
198	ALL	363474.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04

240	ALL	363499.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
86	ALL	362724.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
1429	ALL	362824.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
156	ALL	363449.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
282	ALL	363524.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
1344	ALL	362749.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04
29	ALL	363349.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
114	ALL	363424.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
532	ALL	363624.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
7	ALL	362799.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
324	ALL	363549.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
615	ALL	363649.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
449	ALL	363599.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	9.98E-05
1643	ALL	363049.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-05
46	ALL	362749.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-05
165	ALL	362649.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	9.92E-05
1557	ALL	362949.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-05
1600	ALL	362999.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-05
125	ALL	362674.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-05
1514	ALL	362899.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-05
1386	ALL	362774.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-05
72	ALL	363399.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.82E-05
1471	ALL	362849.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-05
1217	ALL	362649.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	9.78E-05
366	ALL	363574.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-05
1259	ALL	362674.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-05
85	ALL	362699.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.74E-05
1301	ALL	362699.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-05
6	ALL	362774.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.65E-05
491	ALL	363624.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-05
574	ALL	363649.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-05
1428	ALL	362799.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-05
30	ALL	363374.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-05
199	ALL	363499.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-05
45	ALL	362724.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.54E-05
157	ALL	363474.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-05
241	ALL	363524.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	9.51E-05
408	ALL	363599.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-05
1343	ALL	362724.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.48E-05
115	ALL	363449.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.42E-05
1642	ALL	363024.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-05
283	ALL	363549.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-05
124	ALL	362649.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-05
1599	ALL	362974.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-05
1556	ALL	362924.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-05
1513	ALL	362874.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-05
84	ALL	362674.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-05
5	ALL	362749.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-05
73	ALL	363424.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.28E-05
1470	ALL	362824.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	9.27E-05
325	ALL	363574.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-05
1385	ALL	362749.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	9.23E-05
533	ALL	363649.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-05
450	ALL	363624.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-05
44	ALL	362699.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-05
31	ALL	363399.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-05
1258	ALL	362649.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-05
367	ALL	363599.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	9.01E-05
1300	ALL	362674.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-05
1427	ALL	362774.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	8.99E-05
1641	ALL	362999.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-05
4	ALL	362724.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-05
158	ALL	363499.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-05
200	ALL	363524.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-05
1555	ALL	362899.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.91E-05
1598	ALL	362949.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-05
1512	ALL	362849.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-05
1342	ALL	362699.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-05
116	ALL	363474.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-05
83	ALL	362649.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-05
242	ALL	363549.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	8.84E-05
492	ALL	363649.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-05
74	ALL	363449.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-05
1469	ALL	362799.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	8.75E-05
43	ALL	362674.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-05
409	ALL	363624.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-05
284	ALL	363574.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	8.72E-05
1384	ALL	362724.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.70E-05
32	ALL	363424.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-05
3	ALL	362699.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-05
326	ALL	363599.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-05
1640	ALL	362974.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-05

1554	ALL	362874.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.48E-05
1426	ALL	362749.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-05
1597	ALL	362924.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-05
1511	ALL	362824.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-05
451	ALL	363649.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-05
1299	ALL	362649.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-05
42	ALL	362649.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-05
159	ALL	363524.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	8.35E-05
117	ALL	363499.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	8.33E-05
368	ALL	363624.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-05
201	ALL	363549.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-05
1341	ALL	362674.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-05
75	ALL	363474.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-05
1468	ALL	362774.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-05
243	ALL	363574.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-05
2	ALL	362674.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-05
1383	ALL	362699.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-05
33	ALL	363449.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-05
285	ALL	363599.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	8.10E-05
1596	ALL	362899.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-05
1553	ALL	362849.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-05
1639	ALL	362949.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.06E-05
410	ALL	363649.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-05
1425	ALL	362724.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-05
1510	ALL	362799.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	8.00E-05
327	ALL	363624.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	7.92E-05
1	ALL	362649.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	7.88E-05
118	ALL	363524.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-05
160	ALL	363549.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-05
1467	ALL	362749.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	7.82E-05
76	ALL	363499.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-05
1340	ALL	362649.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-05
202	ALL	363574.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-05
34	ALL	363474.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	7.71E-05
1595	ALL	362874.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-05
369	ALL	363649.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-05
1552	ALL	362824.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-05
1638	ALL	362924.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-05
1382	ALL	362674.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-05
244	ALL	363599.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-05
1509	ALL	362774.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-05
1424	ALL	362699.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.56E-05
286	ALL	363624.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-05
1466	ALL	362724.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-05
119	ALL	363549.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-05
328	ALL	363649.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-05
1594	ALL	362849.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-05
77	ALL	363524.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-05
1637	ALL	362899.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-05
161	ALL	363574.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-05
1551	ALL	362799.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-05
35	ALL	363499.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-05
203	ALL	363599.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	7.27E-05
1508	ALL	362749.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-05
1381	ALL	362649.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.20E-05
245	ALL	363624.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	7.16E-05
1423	ALL	362674.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-05
1593	ALL	362824.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-05
287	ALL	363649.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-05
1465	ALL	362699.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-05
1636	ALL	362874.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-05
1550	ALL	362774.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.98E-05
78	ALL	363549.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-05
120	ALL	363574.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-05
36	ALL	363524.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.91E-05
162	ALL	363599.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	6.89E-05
1507	ALL	362724.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-05
204	ALL	363624.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-05
1592	ALL	362799.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-05
1635	ALL	362849.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-05
1422	ALL	362649.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.71E-05
246	ALL	363649.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-05
1549	ALL	362749.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-05
1464	ALL	362674.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-05
79	ALL	363574.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-05
37	ALL	363549.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-05
121	ALL	363599.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-05
1506	ALL	362699.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-05
163	ALL	363624.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-05
1634	ALL	362824.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-05
1591	ALL	362774.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-05
205	ALL	363649.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-05

1548	ALL	362724.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-05
1463	ALL	362649.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-05
38	ALL	363574.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-05
80	ALL	363599.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-05
1505	ALL	362674.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-05
1633	ALL	362799.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-05
122	ALL	363624.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-05
1590	ALL	362749.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-05
164	ALL	363649.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-05
1547	ALL	362699.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-05
1632	ALL	362774.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-05
1589	ALL	362724.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-05
39	ALL	363599.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-05
1504	ALL	362649.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.86E-05
81	ALL	363624.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-05
123	ALL	363649.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-05
1546	ALL	362674.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	5.76E-05
1631	ALL	362749.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-05
1588	ALL	362699.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-05
40	ALL	363624.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-05
82	ALL	363649.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-05
1545	ALL	362649.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-05
1630	ALL	362724.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-05
1587	ALL	362674.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-05
41	ALL	363649.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	5.28E-05
1629	ALL	362699.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-05
1586	ALL	362649.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-05
1628	ALL	362674.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-05
1627	ALL	362649.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	4.81E-05

*HARP - HRACalc v19044 10/5/2020 12:14:51 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_SCH\hra\SM_Wellness_School_UnmitHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO
870	ALL		363099.3	3766533	7.50E-06	2YrCancerDerived_Inh
872	ALL		363224.3	3766533	7.22E-06	2YrCancerDerived_Inh
912	ALL		363224.3	3766558	6.84E-06	2YrCancerDerived_Inh
795	ALL		363099.3	3766483	6.71E-06	2YrCancerDerived_Inh
952	ALL		363199.3	3766583	6.61E-06	2YrCancerDerived_Inh
757	ALL		363124.3	3766458	6.20E-06	2YrCancerDerived_Inh
834	ALL		363224.3	3766508	5.34E-06	2YrCancerDerived_Inh
953	ALL		363224.3	3766583	5.30E-06	2YrCancerDerived_Inh
950	ALL		363149.3	3766583	5.20E-06	2YrCancerDerived_Inh
677	ALL		363162.3	3766444	4.27E-06	2YrCancerDerived_Inh
913	ALL		363249.3	3766558	4.27E-06	2YrCancerDerived_Inh
908	ALL		363099.3	3766558	4.14E-06	2YrCancerDerived_Inh
993	ALL		363199.3	3766608	3.91E-06	2YrCancerDerived_Inh
756	ALL		363099.3	3766458	3.91E-06	2YrCancerDerived_Inh
873	ALL		363249.3	3766533	3.90E-06	2YrCancerDerived_Inh
954	ALL		363249.3	3766583	3.87E-06	2YrCancerDerived_Inh
831	ALL		363074.3	3766508	3.85E-06	2YrCancerDerived_Inh
994	ALL		363224.3	3766608	3.71E-06	2YrCancerDerived_Inh
992	ALL		363174.3	3766608	3.47E-06	2YrCancerDerived_Inh
949	ALL		363124.3	3766583	3.40E-06	2YrCancerDerived_Inh
869	ALL		363074.3	3766533	3.38E-06	2YrCancerDerived_Inh
794	ALL		363074.3	3766483	3.31E-06	2YrCancerDerived_Inh
718	ALL		363149.3	3766433	3.19E-06	2YrCancerDerived_Inh
995	ALL		363249.3	3766608	3.13E-06	2YrCancerDerived_Inh
717	ALL		363124.3	3766433	2.92E-06	2YrCancerDerived_Inh
835	ALL		363249.3	3766508	2.79E-06	2YrCancerDerived_Inh
955	ALL		363274.3	3766583	2.75E-06	2YrCancerDerived_Inh
914	ALL		363274.3	3766558	2.74E-06	2YrCancerDerived_Inh
991	ALL		363149.3	3766608	2.59E-06	2YrCancerDerived_Inh
1035	ALL		363224.3	3766633	2.49E-06	2YrCancerDerived_Inh
996	ALL		363274.3	3766608	2.47E-06	2YrCancerDerived_Inh
755	ALL		363074.3	3766458	2.41E-06	2YrCancerDerived_Inh
907	ALL		363074.3	3766558	2.38E-06	2YrCancerDerived_Inh
1034	ALL		363199.3	3766633	2.37E-06	2YrCancerDerived_Inh
1036	ALL		363249.3	3766633	2.35E-06	2YrCancerDerived_Inh
874	ALL		363274.3	3766533	2.32E-06	2YrCancerDerived_Inh
948	ALL		363099.3	3766583	2.30E-06	2YrCancerDerived_Inh
716	ALL		363099.3	3766433	2.28E-06	2YrCancerDerived_Inh
1037	ALL		363274.3	3766633	2.05E-06	2YrCancerDerived_Inh
830	ALL		363049.3	3766508	2.02E-06	2YrCancerDerived_Inh
1033	ALL		363174.3	3766633	1.98E-06	2YrCancerDerived_Inh
719	ALL		363199.3	3766433	1.97E-06	2YrCancerDerived_Inh
759	ALL		363224.3	3766458	1.96E-06	2YrCancerDerived_Inh
956	ALL		363299.3	3766583	1.96E-06	2YrCancerDerived_Inh
997	ALL		363299.3	3766608	1.90E-06	2YrCancerDerived_Inh
793	ALL		363049.3	3766483	1.87E-06	2YrCancerDerived_Inh
990	ALL		363124.3	3766608	1.86E-06	2YrCancerDerived_Inh
868	ALL		363049.3	3766533	1.85E-06	2YrCancerDerived_Inh
915	ALL		363299.3	3766558	1.83E-06	2YrCancerDerived_Inh
797	ALL		363249.3	3766483	1.76E-06	2YrCancerDerived_Inh
1077	ALL		363249.3	3766658	1.71E-06	2YrCancerDerived_Inh
1038	ALL		363299.3	3766633	1.70E-06	2YrCancerDerived_Inh
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836	ALL		363274.3	3766508	1.67E-06	2YrCancerDerived_Inh
715	ALL		363074.3	3766433	1.66E-06	2YrCancerDerived_Inh
676	ALL		363124.3	3766408	1.62E-06	2YrCancerDerived_Inh
1078	ALL		363274.3	3766658	1.61E-06	2YrCancerDerived_Inh
947	ALL		363074.3	3766583	1.57E-06	2YrCancerDerived_Inh
754	ALL		363049.3	3766458	1.55E-06	2YrCancerDerived_Inh
678	ALL		363174.3	3766408	1.52E-06	2YrCancerDerived_Inh
1032	ALL		363149.3	3766633	1.51E-06	2YrCancerDerived_Inh
1075	ALL		363199.3	3766658	1.51E-06	2YrCancerDerived_Inh
875	ALL		363299.3	3766533	1.49E-06	2YrCancerDerived_Inh
906	ALL		363049.3	3766558	1.47E-06	2YrCancerDerived_Inh
998	ALL		363324.3	3766608	1.45E-06	2YrCancerDerived_Inh
1079	ALL		363299.3	3766658	1.44E-06	2YrCancerDerived_Inh
957	ALL		363324.3	3766583	1.42E-06	2YrCancerDerived_Inh
675	ALL		363099.3	3766408	1.40E-06	2YrCancerDerived_Inh
989	ALL		363099.3	3766608	1.39E-06	2YrCancerDerived_Inh
1039	ALL		363324.3	3766633	1.38E-06	2YrCancerDerived_Inh
720	ALL		363224.3	3766433	1.33E-06	2YrCancerDerived_Inh
916	ALL		363324.3	3766558	1.27E-06	2YrCancerDerived_Inh
1074	ALL		363174.3	3766658	1.24E-06	2YrCancerDerived_Inh
1118	ALL		363249.3	3766683	1.24E-06	2YrCancerDerived_Inh
1119	ALL		363274.3	3766683	1.24E-06	2YrCancerDerived_Inh
1080	ALL		363324.3	3766658	1.24E-06	2YrCancerDerived_Inh
829	ALL		363024.3	3766508	1.23E-06	2YrCancerDerived_Inh
679	ALL		363199.3	3766408	1.22E-06	2YrCancerDerived_Inh
760	ALL		363249.3	3766458	1.22E-06	2YrCancerDerived_Inh

714	ALL	363049.3	3766433	1.19E-06	2YrCancerDerived_Inh
792	ALL	363024.3	3766483	1.18E-06	2YrCancerDerived_Inh
1120	ALL	363299.3	3766683	1.17E-06	2YrCancerDerived_Inh
1117	ALL	363224.3	3766683	1.16E-06	2YrCancerDerived_Inh
1031	ALL	363124.3	3766633	1.15E-06	2YrCancerDerived_Inh
867	ALL	363024.3	3766533	1.15E-06	2YrCancerDerived_Inh
674	ALL	363074.3	3766408	1.14E-06	2YrCancerDerived_Inh
798	ALL	363274.3	3766483	1.12E-06	2YrCancerDerived_Inh
999	ALL	363349.3	3766608	1.11E-06	2YrCancerDerived_Inh
1040	ALL	363349.3	3766633	1.10E-06	2YrCancerDerived_Inh
946	ALL	363049.3	3766583	1.10E-06	2YrCancerDerived_Inh
837	ALL	363299.3	3766508	1.09E-06	2YrCancerDerived_Inh
1121	ALL	363324.3	3766683	1.06E-06	2YrCancerDerived_Inh
988	ALL	363074.3	3766608	1.06E-06	2YrCancerDerived_Inh
958	ALL	363349.3	3766583	1.05E-06	2YrCancerDerived_Inh
753	ALL	363024.3	3766458	1.05E-06	2YrCancerDerived_Inh
1081	ALL	363349.3	3766658	1.04E-06	2YrCancerDerived_Inh
636	ALL	363149.3	3766383	1.02E-06	2YrCancerDerived_Inh
876	ALL	363324.3	3766533	1.02E-06	2YrCancerDerived_Inh
1116	ALL	363199.3	3766683	1.01E-06	2YrCancerDerived_Inh
635	ALL	363124.3	3766383	1.01E-06	2YrCancerDerived_Inh
905	ALL	363024.3	3766558	9.82E-07	2YrCancerDerived_Inh
1073	ALL	363149.3	3766658	9.79E-07	2YrCancerDerived_Inh
637	ALL	363174.3	3766383	9.46E-07	2YrCancerDerived_Inh
1160	ALL	363274.3	3766708	9.43E-07	2YrCancerDerived_Inh
1122	ALL	363349.3	3766683	9.36E-07	2YrCancerDerived_Inh
1161	ALL	363299.3	3766708	9.34E-07	2YrCancerDerived_Inh
680	ALL	363224.3	3766408	9.24E-07	2YrCancerDerived_Inh
634	ALL	363099.3	3766383	9.22E-07	2YrCancerDerived_Inh
1030	ALL	363099.3	3766633	9.18E-07	2YrCancerDerived_Inh
917	ALL	363349.3	3766558	9.09E-07	2YrCancerDerived_Inh
721	ALL	363249.3	3766433	9.08E-07	2YrCancerDerived_Inh
1159	ALL	363249.3	3766708	9.05E-07	2YrCancerDerived_Inh
673	ALL	363049.3	3766408	8.95E-07	2YrCancerDerived_Inh
1162	ALL	363324.3	3766708	8.86E-07	2YrCancerDerived_Inh
1041	ALL	363374.3	3766633	8.84E-07	2YrCancerDerived_Inh
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1082	ALL	363374.3	3766658	8.64E-07	2YrCancerDerived_Inh
1000	ALL	363374.3	3766608	8.61E-07	2YrCancerDerived_Inh
1115	ALL	363174.3	3766683	8.35E-07	2YrCancerDerived_Inh
828	ALL	362999.3	3766508	8.25E-07	2YrCancerDerived_Inh
1158	ALL	363224.3	3766708	8.19E-07	2YrCancerDerived_Inh
761	ALL	363274.3	3766458	8.15E-07	2YrCancerDerived_Inh
1163	ALL	363349.3	3766708	8.15E-07	2YrCancerDerived_Inh
638	ALL	363199.3	3766383	8.11E-07	2YrCancerDerived_Inh
1123	ALL	363374.3	3766683	8.09E-07	2YrCancerDerived_Inh
791	ALL	362999.3	3766483	8.08E-07	2YrCancerDerived_Inh
987	ALL	363049.3	3766608	8.06E-07	2YrCancerDerived_Inh
633	ALL	363074.3	3766383	8.00E-07	2YrCancerDerived_Inh
945	ALL	363024.3	3766583	7.91E-07	2YrCancerDerived_Inh
959	ALL	363374.3	3766583	7.88E-07	2YrCancerDerived_Inh
866	ALL	362999.3	3766533	7.81E-07	2YrCancerDerived_Inh
1072	ALL	363124.3	3766658	7.80E-07	2YrCancerDerived_Inh
799	ALL	363299.3	3766483	7.69E-07	2YrCancerDerived_Inh
838	ALL	363324.3	3766508	7.57E-07	2YrCancerDerived_Inh
1029	ALL	363074.3	3766633	7.44E-07	2YrCancerDerived_Inh
752	ALL	362999.3	3766458	7.43E-07	2YrCancerDerived_Inh
1202	ALL	363299.3	3766733	7.38E-07	2YrCancerDerived_Inh
1164	ALL	363374.3	3766708	7.31E-07	2YrCancerDerived_Inh
877	ALL	363349.3	3766533	7.28E-07	2YrCancerDerived_Inh
1203	ALL	363324.3	3766733	7.27E-07	2YrCancerDerived_Inh
1201	ALL	363274.3	3766733	7.21E-07	2YrCancerDerived_Inh
1083	ALL	363399.3	3766658	7.15E-07	2YrCancerDerived_Inh
1042	ALL	363399.3	3766633	7.12E-07	2YrCancerDerived_Inh
1157	ALL	363199.3	3766708	7.02E-07	2YrCancerDerived_Inh
672	ALL	363024.3	3766408	7.00E-07	2YrCancerDerived_Inh
904	ALL	362999.3	3766558	6.94E-07	2YrCancerDerived_Inh
1204	ALL	363349.3	3766733	6.93E-07	2YrCancerDerived_Inh
1124	ALL	363399.3	3766683	6.90E-07	2YrCancerDerived_Inh
681	ALL	363249.3	3766408	6.86E-07	2YrCancerDerived_Inh
595	ALL	363149.3	3766358	6.80E-07	2YrCancerDerived_Inh
594	ALL	363124.3	3766358	6.79E-07	2YrCancerDerived_Inh
1001	ALL	363399.3	3766608	6.74E-07	2YrCancerDerived_Inh
918	ALL	363374.3	3766558	6.73E-07	2YrCancerDerived_Inh
632	ALL	363049.3	3766383	6.72E-07	2YrCancerDerived_Inh
1114	ALL	363149.3	3766683	6.68E-07	2YrCancerDerived_Inh
1200	ALL	363249.3	3766733	6.66E-07	2YrCancerDerived_Inh
639	ALL	363224.3	3766383	6.60E-07	2YrCancerDerived_Inh
712	ALL	362999.3	3766433	6.50E-07	2YrCancerDerived_Inh
1071	ALL	363099.3	3766658	6.47E-07	2YrCancerDerived_Inh
1165	ALL	363399.3	3766708	6.45E-07	2YrCancerDerived_Inh

1205	ALL	363374.3	3766733	6.43E-07	2YrCancerDerived_Inh
593	ALL	363099.3	3766358	6.42E-07	2YrCancerDerived_Inh
596	ALL	363174.3	3766358	6.41E-07	2YrCancerDerived_Inh
722	ALL	363274.3	3766433	6.40E-07	2YrCancerDerived_Inh
986	ALL	363024.3	3766608	6.20E-07	2YrCancerDerived_Inh
960	ALL	363399.3	3766583	6.04E-07	2YrCancerDerived_Inh
1028	ALL	363049.3	3766633	5.99E-07	2YrCancerDerived_Inh
1084	ALL	363424.3	3766658	5.92E-07	2YrCancerDerived_Inh
1244	ALL	363324.3	3766758	5.91E-07	2YrCancerDerived_Inh
827	ALL	362974.3	3766508	5.90E-07	2YrCancerDerived_Inh
1199	ALL	363224.3	3766733	5.89E-07	2YrCancerDerived_Inh
944	ALL	362999.3	3766583	5.88E-07	2YrCancerDerived_Inh
1125	ALL	363424.3	3766683	5.86E-07	2YrCancerDerived_Inh
1206	ALL	363399.3	3766733	5.86E-07	2YrCancerDerived_Inh
790	ALL	362974.3	3766483	5.84E-07	2YrCancerDerived_Inh
1243	ALL	363299.3	3766758	5.82E-07	2YrCancerDerived_Inh
592	ALL	363074.3	3766358	5.81E-07	2YrCancerDerived_Inh
1245	ALL	363349.3	3766758	5.81E-07	2YrCancerDerived_Inh
762	ALL	363299.3	3766458	5.79E-07	2YrCancerDerived_Inh
1156	ALL	363174.3	3766708	5.78E-07	2YrCancerDerived_Inh
1043	ALL	363424.3	3766633	5.75E-07	2YrCancerDerived_Inh
597	ALL	363199.3	3766358	5.71E-07	2YrCancerDerived_Inh
865	ALL	362974.3	3766533	5.64E-07	2YrCancerDerived_Inh
1166	ALL	363424.3	3766708	5.63E-07	2YrCancerDerived_Inh
1246	ALL	363374.3	3766758	5.56E-07	2YrCancerDerived_Inh
631	ALL	363024.3	3766383	5.55E-07	2YrCancerDerived_Inh
800	ALL	363324.3	3766483	5.55E-07	2YrCancerDerived_Inh
839	ALL	363349.3	3766508	5.52E-07	2YrCancerDerived_Inh
751	ALL	362974.3	3766458	5.50E-07	2YrCancerDerived_Inh
671	ALL	362999.3	3766408	5.50E-07	2YrCancerDerived_Inh
1242	ALL	363274.3	3766758	5.49E-07	2YrCancerDerived_Inh
1070	ALL	363074.3	3766658	5.42E-07	2YrCancerDerived_Inh
1113	ALL	363124.3	3766683	5.42E-07	2YrCancerDerived_Inh
878	ALL	363374.3	3766533	5.40E-07	2YrCancerDerived_Inh
1002	ALL	363424.3	3766608	5.34E-07	2YrCancerDerived_Inh
1207	ALL	363424.3	3766733	5.25E-07	2YrCancerDerived_Inh
640	ALL	363249.3	3766383	5.23E-07	2YrCancerDerived_Inh
1247	ALL	363399.3	3766758	5.20E-07	2YrCancerDerived_Inh
903	ALL	362974.3	3766558	5.14E-07	2YrCancerDerived_Inh
682	ALL	363274.3	3766408	5.13E-07	2YrCancerDerived_Inh
919	ALL	363399.3	3766558	5.11E-07	2YrCancerDerived_Inh
591	ALL	363049.3	3766358	5.11E-07	2YrCancerDerived_Inh
1198	ALL	363199.3	3766733	5.02E-07	2YrCancerDerived_Inh
711	ALL	362974.3	3766433	4.98E-07	2YrCancerDerived_Inh
1241	ALL	363249.3	3766758	4.98E-07	2YrCancerDerived_Inh
1126	ALL	363449.3	3766683	4.98E-07	2YrCancerDerived_Inh
1085	ALL	363449.3	3766658	4.92E-07	2YrCancerDerived_Inh
1167	ALL	363449.3	3766708	4.88E-07	2YrCancerDerived_Inh
598	ALL	363224.3	3766358	4.87E-07	2YrCancerDerived_Inh
553	ALL	363124.3	3766333	4.86E-07	2YrCancerDerived_Inh
1027	ALL	363024.3	3766633	4.84E-07	2YrCancerDerived_Inh
985	ALL	362999.3	3766608	4.84E-07	2YrCancerDerived_Inh
554	ALL	363149.3	3766333	4.84E-07	2YrCancerDerived_Inh
1286	ALL	363349.3	3766783	4.84E-07	2YrCancerDerived_Inh
1248	ALL	363424.3	3766758	4.79E-07	2YrCancerDerived_Inh
1285	ALL	363324.3	3766783	4.78E-07	2YrCancerDerived_Inh
1287	ALL	363374.3	3766783	4.74E-07	2YrCancerDerived_Inh
961	ALL	363424.3	3766583	4.72E-07	2YrCancerDerived_Inh
1155	ALL	363149.3	3766708	4.72E-07	2YrCancerDerived_Inh
723	ALL	363299.3	3766433	4.70E-07	2YrCancerDerived_Inh
1044	ALL	363449.3	3766633	4.68E-07	2YrCancerDerived_Inh
552	ALL	363099.3	3766333	4.68E-07	2YrCancerDerived_Inh
1208	ALL	363449.3	3766733	4.66E-07	2YrCancerDerived_Inh
555	ALL	363174.3	3766333	4.61E-07	2YrCancerDerived_Inh
630	ALL	362999.3	3766383	4.57E-07	2YrCancerDerived_Inh
1112	ALL	363099.3	3766683	4.57E-07	2YrCancerDerived_Inh
1284	ALL	363299.3	3766783	4.56E-07	2YrCancerDerived_Inh
1288	ALL	363399.3	3766783	4.55E-07	2YrCancerDerived_Inh
943	ALL	362974.3	3766583	4.50E-07	2YrCancerDerived_Inh
1069	ALL	363049.3	3766658	4.47E-07	2YrCancerDerived_Inh
826	ALL	362949.3	3766508	4.42E-07	2YrCancerDerived_Inh
590	ALL	363024.3	3766358	4.41E-07	2YrCancerDerived_Inh
789	ALL	362949.3	3766483	4.40E-07	2YrCancerDerived_Inh
1240	ALL	363224.3	3766758	4.39E-07	2YrCancerDerived_Inh
670	ALL	362974.3	3766408	4.38E-07	2YrCancerDerived_Inh
551	ALL	363074.3	3766333	4.36E-07	2YrCancerDerived_Inh
1249	ALL	363449.3	3766758	4.35E-07	2YrCancerDerived_Inh
763	ALL	363324.3	3766458	4.31E-07	2YrCancerDerived_Inh
1289	ALL	363424.3	3766783	4.29E-07	2YrCancerDerived_Inh
1003	ALL	363449.3	3766608	4.28E-07	2YrCancerDerived_Inh
864	ALL	362949.3	3766533	4.25E-07	2YrCancerDerived_Inh

1283	ALL	363274.3	3766783	4.23E-07	2YrCancerDerived_Inh
1127	ALL	363474.3	3766683	4.23E-07	2YrCancerDerived_Inh
1168	ALL	363474.3	3766708	4.22E-07	2YrCancerDerived_Inh
750	ALL	362949.3	3766458	4.22E-07	2YrCancerDerived_Inh
1197	ALL	363174.3	3766733	4.21E-07	2YrCancerDerived_Inh
556	ALL	363199.3	3766333	4.20E-07	2YrCancerDerived_Inh
801	ALL	363349.3	3766483	4.17E-07	2YrCancerDerived_Inh
840	ALL	363374.3	3766508	4.17E-07	2YrCancerDerived_Inh
879	ALL	363399.3	3766533	4.12E-07	2YrCancerDerived_Inh
641	ALL	363274.3	3766383	4.12E-07	2YrCancerDerived_Inh
1209	ALL	363474.3	3766733	4.11E-07	2YrCancerDerived_Inh
1086	ALL	363474.3	3766658	4.10E-07	2YrCancerDerived_Inh
599	ALL	363249.3	3766358	4.04E-07	2YrCancerDerived_Inh
1328	ALL	363374.3	3766808	4.02E-07	2YrCancerDerived_Inh
1327	ALL	363349.3	3766808	4.01E-07	2YrCancerDerived_Inh
1290	ALL	363449.3	3766783	3.98E-07	2YrCancerDerived_Inh
920	ALL	363424.3	3766558	3.98E-07	2YrCancerDerived_Inh
550	ALL	363049.3	3766333	3.95E-07	2YrCancerDerived_Inh
1026	ALL	362999.3	3766633	3.95E-07	2YrCancerDerived_Inh
1154	ALL	363124.3	3766708	3.94E-07	2YrCancerDerived_Inh
1329	ALL	363399.3	3766808	3.94E-07	2YrCancerDerived_Inh
902	ALL	362949.3	3766558	3.93E-07	2YrCancerDerived_Inh
1250	ALL	363474.3	3766758	3.91E-07	2YrCancerDerived_Inh
683	ALL	363299.3	3766408	3.91E-07	2YrCancerDerived_Inh
710	ALL	362949.3	3766433	3.91E-07	2YrCancerDerived_Inh
1111	ALL	363074.3	3766683	3.87E-07	2YrCancerDerived_Inh
1326	ALL	363324.3	3766808	3.85E-07	2YrCancerDerived_Inh
984	ALL	362974.3	3766608	3.85E-07	2YrCancerDerived_Inh
1045	ALL	363474.3	3766633	3.84E-07	2YrCancerDerived_Inh
1282	ALL	363249.3	3766783	3.83E-07	2YrCancerDerived_Inh
1330	ALL	363424.3	3766808	3.79E-07	2YrCancerDerived_Inh
1239	ALL	363199.3	3766758	3.77E-07	2YrCancerDerived_Inh
629	ALL	362974.3	3766383	3.77E-07	2YrCancerDerived_Inh
589	ALL	362999.3	3766358	3.76E-07	2YrCancerDerived_Inh
962	ALL	363449.3	3766583	3.75E-07	2YrCancerDerived_Inh
557	ALL	363224.3	3766333	3.70E-07	2YrCancerDerived_Inh
1068	ALL	363024.3	3766658	3.68E-07	2YrCancerDerived_Inh
1291	ALL	363474.3	3766783	3.66E-07	2YrCancerDerived_Inh
1169	ALL	363499.3	3766708	3.65E-07	2YrCancerDerived_Inh
512	ALL	363124.3	3766308	3.63E-07	2YrCancerDerived_Inh
1325	ALL	363299.3	3766808	3.63E-07	2YrCancerDerived_Inh
1210	ALL	363499.3	3766733	3.61E-07	2YrCancerDerived_Inh
513	ALL	363149.3	3766308	3.61E-07	2YrCancerDerived_Inh
1128	ALL	363499.3	3766683	3.59E-07	2YrCancerDerived_Inh
1331	ALL	363449.3	3766808	3.59E-07	2YrCancerDerived_Inh
724	ALL	363324.3	3766433	3.57E-07	2YrCancerDerived_Inh
511	ALL	363099.3	3766308	3.54E-07	2YrCancerDerived_Inh
942	ALL	362949.3	3766583	3.54E-07	2YrCancerDerived_Inh
1196	ALL	363149.3	3766733	3.53E-07	2YrCancerDerived_Inh
669	ALL	362949.3	3766408	3.53E-07	2YrCancerDerived_Inh
549	ALL	363024.3	3766333	3.52E-07	2YrCancerDerived_Inh
1251	ALL	363499.3	3766758	3.50E-07	2YrCancerDerived_Inh
1004	ALL	363474.3	3766608	3.47E-07	2YrCancerDerived_Inh
514	ALL	363174.3	3766308	3.46E-07	2YrCancerDerived_Inh
1087	ALL	363499.3	3766658	3.43E-07	2YrCancerDerived_Inh
788	ALL	362924.3	3766483	3.43E-07	2YrCancerDerived_Inh
825	ALL	362924.3	3766508	3.43E-07	2YrCancerDerived_Inh
1370	ALL	363399.3	3766833	3.38E-07	2YrCancerDerived_Inh
1369	ALL	363374.3	3766833	3.38E-07	2YrCancerDerived_Inh
1281	ALL	363224.3	3766783	3.37E-07	2YrCancerDerived_Inh
1153	ALL	363099.3	3766708	3.37E-07	2YrCancerDerived_Inh
1332	ALL	363474.3	3766808	3.36E-07	2YrCancerDerived_Inh
510	ALL	363074.3	3766308	3.36E-07	2YrCancerDerived_Inh
1324	ALL	363274.3	3766808	3.34E-07	2YrCancerDerived_Inh
1292	ALL	363499.3	3766783	3.33E-07	2YrCancerDerived_Inh
749	ALL	362924.3	3766458	3.32E-07	2YrCancerDerived_Inh
600	ALL	363274.3	3766358	3.32E-07	2YrCancerDerived_Inh
1371	ALL	363424.3	3766833	3.32E-07	2YrCancerDerived_Inh
764	ALL	363349.3	3766458	3.31E-07	2YrCancerDerived_Inh
863	ALL	362924.3	3766533	3.31E-07	2YrCancerDerived_Inh
1110	ALL	363049.3	3766683	3.30E-07	2YrCancerDerived_Inh
1368	ALL	363349.3	3766833	3.28E-07	2YrCancerDerived_Inh
642	ALL	363299.3	3766383	3.27E-07	2YrCancerDerived_Inh
1025	ALL	362974.3	3766633	3.25E-07	2YrCancerDerived_Inh
841	ALL	363399.3	3766508	3.24E-07	2YrCancerDerived_Inh
802	ALL	363374.3	3766483	3.24E-07	2YrCancerDerived_Inh
880	ALL	363424.3	3766533	3.23E-07	2YrCancerDerived_Inh
515	ALL	363199.3	3766308	3.21E-07	2YrCancerDerived_Inh
588	ALL	362974.3	3766358	3.21E-07	2YrCancerDerived_Inh
1238	ALL	363174.3	3766758	3.20E-07	2YrCancerDerived_Inh
1372	ALL	363449.3	3766833	3.20E-07	2YrCancerDerived_Inh

558	ALL	363249.3	3766333	3.18E-07	2YrCancerDerived_Inh
1046	ALL	363499.3	3766633	3.18E-07	2YrCancerDerived_Inh
1211	ALL	363524.3	3766733	3.17E-07	2YrCancerDerived_Inh
1170	ALL	363524.3	3766708	3.16E-07	2YrCancerDerived_Inh
921	ALL	363449.3	3766558	3.15E-07	2YrCancerDerived_Inh
709	ALL	362924.3	3766433	3.14E-07	2YrCancerDerived_Inh
628	ALL	362949.3	3766383	3.13E-07	2YrCancerDerived_Inh
1367	ALL	363324.3	3766833	3.12E-07	2YrCancerDerived_Inh
1252	ALL	363524.3	3766758	3.12E-07	2YrCancerDerived_Inh
509	ALL	363049.3	3766308	3.12E-07	2YrCancerDerived_Inh
1333	ALL	363499.3	3766808	3.11E-07	2YrCancerDerived_Inh
983	ALL	362949.3	3766608	3.11E-07	2YrCancerDerived_Inh
901	ALL	362924.3	3766558	3.10E-07	2YrCancerDerived_Inh
548	ALL	362999.3	3766333	3.10E-07	2YrCancerDerived_Inh
1067	ALL	362999.3	3766658	3.08E-07	2YrCancerDerived_Inh
1129	ALL	363524.3	3766683	3.06E-07	2YrCancerDerived_Inh
684	ALL	363324.3	3766408	3.05E-07	2YrCancerDerived_Inh
1373	ALL	363474.3	3766833	3.05E-07	2YrCancerDerived_Inh
963	ALL	363474.3	3766583	3.02E-07	2YrCancerDerived_Inh
1293	ALL	363524.3	3766783	3.01E-07	2YrCancerDerived_Inh
1195	ALL	363124.3	3766733	3.01E-07	2YrCancerDerived_Inh
1323	ALL	363249.3	3766808	3.01E-07	2YrCancerDerived_Inh
1152	ALL	363074.3	3766708	2.93E-07	2YrCancerDerived_Inh
1366	ALL	363299.3	3766833	2.92E-07	2YrCancerDerived_Inh
1280	ALL	363199.3	3766783	2.91E-07	2YrCancerDerived_Inh
1411	ALL	363399.3	3766858	2.90E-07	2YrCancerDerived_Inh
668	ALL	362924.3	3766408	2.89E-07	2YrCancerDerived_Inh
516	ALL	363224.3	3766308	2.89E-07	2YrCancerDerived_Inh
1412	ALL	363424.3	3766858	2.89E-07	2YrCancerDerived_Inh
1088	ALL	363524.3	3766658	2.89E-07	2YrCancerDerived_Inh
1374	ALL	363499.3	3766833	2.87E-07	2YrCancerDerived_Inh
1334	ALL	363524.3	3766808	2.86E-07	2YrCancerDerived_Inh
508	ALL	363024.3	3766308	2.84E-07	2YrCancerDerived_Inh
1005	ALL	363499.3	3766608	2.84E-07	2YrCancerDerived_Inh
941	ALL	362924.3	3766583	2.84E-07	2YrCancerDerived_Inh
1109	ALL	363024.3	3766683	2.83E-07	2YrCancerDerived_Inh
1413	ALL	363449.3	3766858	2.83E-07	2YrCancerDerived_Inh
1410	ALL	363374.3	3766858	2.82E-07	2YrCancerDerived_Inh
471	ALL	363124.3	3766283	2.81E-07	2YrCancerDerived_Inh
725	ALL	363349.3	3766433	2.79E-07	2YrCancerDerived_Inh
472	ALL	363149.3	3766283	2.79E-07	2YrCancerDerived_Inh
1212	ALL	363549.3	3766733	2.78E-07	2YrCancerDerived_Inh
1253	ALL	363549.3	3766758	2.77E-07	2YrCancerDerived_Inh
470	ALL	363099.3	3766283	2.76E-07	2YrCancerDerived_Inh
787	ALL	362899.3	3766483	2.74E-07	2YrCancerDerived_Inh
1414	ALL	363474.3	3766858	2.74E-07	2YrCancerDerived_Inh
824	ALL	362899.3	3766508	2.73E-07	2YrCancerDerived_Inh
587	ALL	362949.3	3766358	2.73E-07	2YrCancerDerived_Inh
1171	ALL	363549.3	3766708	2.73E-07	2YrCancerDerived_Inh
601	ALL	363299.3	3766358	2.73E-07	2YrCancerDerived_Inh
1237	ALL	363149.3	3766758	2.73E-07	2YrCancerDerived_Inh
547	ALL	362974.3	3766333	2.71E-07	2YrCancerDerived_Inh
1294	ALL	363549.3	3766783	2.71E-07	2YrCancerDerived_Inh
1409	ALL	363349.3	3766858	2.71E-07	2YrCancerDerived_Inh
559	ALL	363274.3	3766333	2.70E-07	2YrCancerDerived_Inh
1024	ALL	362949.3	3766633	2.70E-07	2YrCancerDerived_Inh
473	ALL	363174.3	3766283	2.69E-07	2YrCancerDerived_Inh
748	ALL	362899.3	3766458	2.68E-07	2YrCancerDerived_Inh
1375	ALL	363524.3	3766833	2.68E-07	2YrCancerDerived_Inh
1365	ALL	363274.3	3766833	2.67E-07	2YrCancerDerived_Inh
469	ALL	363074.3	3766283	2.65E-07	2YrCancerDerived_Inh
862	ALL	362899.3	3766533	2.65E-07	2YrCancerDerived_Inh
1047	ALL	363524.3	3766633	2.65E-07	2YrCancerDerived_Inh
1322	ALL	363224.3	3766808	2.65E-07	2YrCancerDerived_Inh
1066	ALL	362974.3	3766658	2.63E-07	2YrCancerDerived_Inh
765	ALL	363374.3	3766458	2.62E-07	2YrCancerDerived_Inh
643	ALL	363324.3	3766383	2.62E-07	2YrCancerDerived_Inh
1130	ALL	363549.3	3766683	2.62E-07	2YrCancerDerived_Inh
1415	ALL	363499.3	3766858	2.62E-07	2YrCancerDerived_Inh
627	ALL	362924.3	3766383	2.62E-07	2YrCancerDerived_Inh
1335	ALL	363549.3	3766808	2.61E-07	2YrCancerDerived_Inh
1194	ALL	363099.3	3766733	2.61E-07	2YrCancerDerived_Inh
881	ALL	363449.3	3766533	2.58E-07	2YrCancerDerived_Inh
842	ALL	363424.3	3766508	2.58E-07	2YrCancerDerived_Inh
803	ALL	363399.3	3766483	2.57E-07	2YrCancerDerived_Inh
507	ALL	362999.3	3766308	2.57E-07	2YrCancerDerived_Inh
1408	ALL	363324.3	3766858	2.56E-07	2YrCancerDerived_Inh
708	ALL	362899.3	3766433	2.56E-07	2YrCancerDerived_Inh
1151	ALL	363049.3	3766708	2.56E-07	2YrCancerDerived_Inh
517	ALL	363249.3	3766308	2.55E-07	2YrCancerDerived_Inh
982	ALL	362924.3	3766608	2.55E-07	2YrCancerDerived_Inh

922	ALL	363474.3	3766558	2.55E-07	2YrCancerDerived_Inh
474	ALL	363199.3	3766283	2.52E-07	2YrCancerDerived_Inh
900	ALL	362899.3	3766558	2.51E-07	2YrCancerDerived_Inh
1453	ALL	363424.3	3766883	2.51E-07	2YrCancerDerived_Inh
468	ALL	363049.3	3766283	2.50E-07	2YrCancerDerived_Inh
1279	ALL	363174.3	3766783	2.50E-07	2YrCancerDerived_Inh
1454	ALL	363449.3	3766883	2.49E-07	2YrCancerDerived_Inh
1376	ALL	363549.3	3766833	2.48E-07	2YrCancerDerived_Inh
1416	ALL	363524.3	3766858	2.48E-07	2YrCancerDerived_Inh
964	ALL	363499.3	3766583	2.47E-07	2YrCancerDerived_Inh
1254	ALL	363574.3	3766758	2.46E-07	2YrCancerDerived_Inh
1452	ALL	363399.3	3766883	2.45E-07	2YrCancerDerived_Inh
1089	ALL	363549.3	3766658	2.44E-07	2YrCancerDerived_Inh
1108	ALL	362999.3	3766683	2.44E-07	2YrCancerDerived_Inh
1455	ALL	363474.3	3766883	2.44E-07	2YrCancerDerived_Inh
1213	ALL	363574.3	3766733	2.44E-07	2YrCancerDerived_Inh
1295	ALL	363574.3	3766783	2.44E-07	2YrCancerDerived_Inh
685	ALL	363349.3	3766408	2.42E-07	2YrCancerDerived_Inh
667	ALL	362899.3	3766408	2.40E-07	2YrCancerDerived_Inh
1364	ALL	363249.3	3766833	2.40E-07	2YrCancerDerived_Inh
1407	ALL	363299.3	3766858	2.38E-07	2YrCancerDerived_Inh
1336	ALL	363574.3	3766808	2.38E-07	2YrCancerDerived_Inh
546	ALL	362949.3	3766333	2.37E-07	2YrCancerDerived_Inh
1172	ALL	363574.3	3766708	2.37E-07	2YrCancerDerived_Inh
1456	ALL	363499.3	3766883	2.36E-07	2YrCancerDerived_Inh
1451	ALL	363374.3	3766883	2.36E-07	2YrCancerDerived_Inh
1006	ALL	363524.3	3766608	2.36E-07	2YrCancerDerived_Inh
1236	ALL	363124.3	3766758	2.35E-07	2YrCancerDerived_Inh
586	ALL	362924.3	3766358	2.34E-07	2YrCancerDerived_Inh
1417	ALL	363549.3	3766858	2.33E-07	2YrCancerDerived_Inh
467	ALL	363024.3	3766283	2.33E-07	2YrCancerDerived_Inh
940	ALL	362899.3	3766583	2.33E-07	2YrCancerDerived_Inh
475	ALL	363224.3	3766283	2.31E-07	2YrCancerDerived_Inh
1321	ALL	363199.3	3766808	2.30E-07	2YrCancerDerived_Inh
506	ALL	362974.3	3766308	2.30E-07	2YrCancerDerived_Inh
1193	ALL	363074.3	3766733	2.29E-07	2YrCancerDerived_Inh
1377	ALL	363574.3	3766833	2.28E-07	2YrCancerDerived_Inh
560	ALL	363299.3	3766333	2.28E-07	2YrCancerDerived_Inh
1457	ALL	363524.3	3766883	2.27E-07	2YrCancerDerived_Inh
1065	ALL	362949.3	3766658	2.27E-07	2YrCancerDerived_Inh
1023	ALL	362924.3	3766633	2.26E-07	2YrCancerDerived_Inh
1450	ALL	363349.3	3766883	2.26E-07	2YrCancerDerived_Inh
1150	ALL	363024.3	3766708	2.25E-07	2YrCancerDerived_Inh
602	ALL	363324.3	3766358	2.25E-07	2YrCancerDerived_Inh
1131	ALL	363574.3	3766683	2.24E-07	2YrCancerDerived_Inh
786	ALL	362874.3	3766483	2.24E-07	2YrCancerDerived_Inh
430	ALL	363124.3	3766258	2.23E-07	2YrCancerDerived_Inh
726	ALL	363374.3	3766433	2.23E-07	2YrCancerDerived_Inh
823	ALL	362874.3	3766508	2.23E-07	2YrCancerDerived_Inh
518	ALL	363274.3	3766308	2.22E-07	2YrCancerDerived_Inh
1048	ALL	363549.3	3766633	2.22E-07	2YrCancerDerived_Inh
431	ALL	363149.3	3766258	2.21E-07	2YrCancerDerived_Inh
429	ALL	363099.3	3766258	2.21E-07	2YrCancerDerived_Inh
626	ALL	362899.3	3766383	2.21E-07	2YrCancerDerived_Inh
747	ALL	362874.3	3766458	2.20E-07	2YrCancerDerived_Inh
1296	ALL	363599.3	3766783	2.19E-07	2YrCancerDerived_Inh
1255	ALL	363599.3	3766758	2.18E-07	2YrCancerDerived_Inh
1495	ALL	363449.3	3766908	2.18E-07	2YrCancerDerived_Inh
1418	ALL	363574.3	3766858	2.17E-07	2YrCancerDerived_Inh
1406	ALL	363274.3	3766858	2.16E-07	2YrCancerDerived_Inh
1496	ALL	363474.3	3766908	2.16E-07	2YrCancerDerived_Inh
861	ALL	362874.3	3766533	2.16E-07	2YrCancerDerived_Inh
1458	ALL	363549.3	3766883	2.16E-07	2YrCancerDerived_Inh
1337	ALL	363599.3	3766808	2.16E-07	2YrCancerDerived_Inh
1278	ALL	363149.3	3766783	2.16E-07	2YrCancerDerived_Inh
432	ALL	363174.3	3766258	2.15E-07	2YrCancerDerived_Inh
428	ALL	363074.3	3766258	2.14E-07	2YrCancerDerived_Inh
1494	ALL	363424.3	3766908	2.14E-07	2YrCancerDerived_Inh
1214	ALL	363599.3	3766733	2.14E-07	2YrCancerDerived_Inh
466	ALL	362999.3	3766283	2.14E-07	2YrCancerDerived_Inh
644	ALL	363349.3	3766383	2.13E-07	2YrCancerDerived_Inh
707	ALL	362874.3	3766433	2.12E-07	2YrCancerDerived_Inh
1497	ALL	363499.3	3766908	2.12E-07	2YrCancerDerived_Inh
981	ALL	362899.3	3766608	2.12E-07	2YrCancerDerived_Inh
766	ALL	363399.3	3766458	2.12E-07	2YrCancerDerived_Inh
1363	ALL	363224.3	3766833	2.12E-07	2YrCancerDerived_Inh
1107	ALL	362974.3	3766683	2.12E-07	2YrCancerDerived_Inh
1449	ALL	363324.3	3766883	2.12E-07	2YrCancerDerived_Inh
882	ALL	363474.3	3766533	2.10E-07	2YrCancerDerived_Inh
1378	ALL	363599.3	3766833	2.10E-07	2YrCancerDerived_Inh
843	ALL	363449.3	3766508	2.09E-07	2YrCancerDerived_Inh

923	ALL	363499.3	3766558	2.09E-07	2YrCancerDerived_Inh
804	ALL	363424.3	3766483	2.09E-07	2YrCancerDerived_Inh
476	ALL	363249.3	3766283	2.08E-07	2YrCancerDerived_Inh
1090	ALL	363574.3	3766658	2.08E-07	2YrCancerDerived_Inh
1493	ALL	363399.3	3766908	2.08E-07	2YrCancerDerived_Inh
545	ALL	362924.3	3766333	2.07E-07	2YrCancerDerived_Inh
1235	ALL	363099.3	3766758	2.06E-07	2YrCancerDerived_Inh
899	ALL	362874.3	3766558	2.06E-07	2YrCancerDerived_Inh
1498	ALL	363524.3	3766908	2.06E-07	2YrCancerDerived_Inh
1173	ALL	363599.3	3766708	2.06E-07	2YrCancerDerived_Inh
427	ALL	363049.3	3766258	2.05E-07	2YrCancerDerived_Inh
505	ALL	362949.3	3766308	2.04E-07	2YrCancerDerived_Inh
965	ALL	363524.3	3766583	2.04E-07	2YrCancerDerived_Inh
1459	ALL	363574.3	3766883	2.04E-07	2YrCancerDerived_Inh
1192	ALL	363049.3	3766733	2.03E-07	2YrCancerDerived_Inh
433	ALL	363199.3	3766258	2.03E-07	2YrCancerDerived_Inh
666	ALL	362874.3	3766408	2.01E-07	2YrCancerDerived_Inh
1419	ALL	363599.3	3766858	2.01E-07	2YrCancerDerived_Inh
585	ALL	362899.3	3766358	2.01E-07	2YrCancerDerived_Inh
1492	ALL	363374.3	3766908	2.00E-07	2YrCancerDerived_Inh
1320	ALL	363174.3	3766808	2.00E-07	2YrCancerDerived_Inh
1499	ALL	363549.3	3766908	1.99E-07	2YrCancerDerived_Inh
1149	ALL	362999.3	3766708	1.98E-07	2YrCancerDerived_Inh
1064	ALL	362924.3	3766658	1.97E-07	2YrCancerDerived_Inh
1007	ALL	363549.3	3766608	1.97E-07	2YrCancerDerived_Inh
686	ALL	363374.3	3766408	1.97E-07	2YrCancerDerived_Inh
1297	ALL	363624.3	3766783	1.96E-07	2YrCancerDerived_Inh
1338	ALL	363624.3	3766808	1.95E-07	2YrCancerDerived_Inh
1448	ALL	363299.3	3766883	1.95E-07	2YrCancerDerived_Inh
465	ALL	362974.3	3766283	1.95E-07	2YrCancerDerived_Inh
1405	ALL	363249.3	3766858	1.94E-07	2YrCancerDerived_Inh
1256	ALL	363624.3	3766758	1.94E-07	2YrCancerDerived_Inh
939	ALL	362874.3	3766583	1.93E-07	2YrCancerDerived_Inh
1132	ALL	363599.3	3766683	1.93E-07	2YrCancerDerived_Inh
561	ALL	363324.3	3766333	1.93E-07	2YrCancerDerived_Inh
426	ALL	363024.3	3766258	1.93E-07	2YrCancerDerived_Inh
519	ALL	363299.3	3766308	1.92E-07	2YrCancerDerived_Inh
1379	ALL	363624.3	3766833	1.92E-07	2YrCancerDerived_Inh
1022	ALL	362899.3	3766633	1.91E-07	2YrCancerDerived_Inh
1460	ALL	363599.3	3766883	1.91E-07	2YrCancerDerived_Inh
1537	ALL	363474.3	3766933	1.91E-07	2YrCancerDerived_Inh
1538	ALL	363499.3	3766933	1.90E-07	2YrCancerDerived_Inh
1500	ALL	363574.3	3766908	1.90E-07	2YrCancerDerived_Inh
1491	ALL	363349.3	3766908	1.89E-07	2YrCancerDerived_Inh
434	ALL	363224.3	3766258	1.89E-07	2YrCancerDerived_Inh
1277	ALL	363124.3	3766783	1.88E-07	2YrCancerDerived_Inh
1049	ALL	363574.3	3766633	1.88E-07	2YrCancerDerived_Inh
1215	ALL	363624.3	3766733	1.88E-07	2YrCancerDerived_Inh
625	ALL	362874.3	3766383	1.88E-07	2YrCancerDerived_Inh
1536	ALL	363449.3	3766933	1.88E-07	2YrCancerDerived_Inh
603	ALL	363349.3	3766358	1.87E-07	2YrCancerDerived_Inh
1539	ALL	363524.3	3766933	1.86E-07	2YrCancerDerived_Inh
1420	ALL	363624.3	3766858	1.86E-07	2YrCancerDerived_Inh
785	ALL	362849.3	3766483	1.86E-07	2YrCancerDerived_Inh
1362	ALL	363199.3	3766833	1.86E-07	2YrCancerDerived_Inh
477	ALL	363274.3	3766283	1.85E-07	2YrCancerDerived_Inh
822	ALL	362849.3	3766508	1.85E-07	2YrCancerDerived_Inh
1106	ALL	362949.3	3766683	1.84E-07	2YrCancerDerived_Inh
746	ALL	362849.3	3766458	1.84E-07	2YrCancerDerived_Inh
1234	ALL	363074.3	3766758	1.84E-07	2YrCancerDerived_Inh
1535	ALL	363424.3	3766933	1.83E-07	2YrCancerDerived_Inh
727	ALL	363399.3	3766433	1.83E-07	2YrCancerDerived_Inh
389	ALL	363124.3	3766233	1.82E-07	2YrCancerDerived_Inh
504	ALL	362924.3	3766308	1.82E-07	2YrCancerDerived_Inh
1191	ALL	363024.3	3766733	1.81E-07	2YrCancerDerived_Inh
1540	ALL	363549.3	3766933	1.81E-07	2YrCancerDerived_Inh
544	ALL	362899.3	3766333	1.81E-07	2YrCancerDerived_Inh
388	ALL	363099.3	3766233	1.80E-07	2YrCancerDerived_Inh
860	ALL	362849.3	3766533	1.80E-07	2YrCancerDerived_Inh
390	ALL	363149.3	3766233	1.80E-07	2YrCancerDerived_Inh
1501	ALL	363599.3	3766908	1.80E-07	2YrCancerDerived_Inh
425	ALL	362999.3	3766258	1.80E-07	2YrCancerDerived_Inh
1174	ALL	363624.3	3766708	1.79E-07	2YrCancerDerived_Inh
706	ALL	362849.3	3766433	1.79E-07	2YrCancerDerived_Inh
980	ALL	362874.3	3766608	1.79E-07	2YrCancerDerived_Inh
1461	ALL	363624.3	3766883	1.79E-07	2YrCancerDerived_Inh
1091	ALL	363599.3	3766658	1.78E-07	2YrCancerDerived_Inh
1447	ALL	363274.3	3766883	1.78E-07	2YrCancerDerived_Inh
1534	ALL	363399.3	3766933	1.78E-07	2YrCancerDerived_Inh
1339	ALL	363649.3	3766808	1.77E-07	2YrCancerDerived_Inh
464	ALL	362949.3	3766283	1.77E-07	2YrCancerDerived_Inh

1490	ALL	363324.3	3766908	1.76E-07	2YrCancerDerived_Inh
387	ALL	363074.3	3766233	1.76E-07	2YrCancerDerived_Inh
1298	ALL	363649.3	3766783	1.76E-07	2YrCancerDerived_Inh
645	ALL	363374.3	3766383	1.75E-07	2YrCancerDerived_Inh
1380	ALL	363649.3	3766833	1.75E-07	2YrCancerDerived_Inh
1541	ALL	363574.3	3766933	1.75E-07	2YrCancerDerived_Inh
391	ALL	363174.3	3766233	1.75E-07	2YrCancerDerived_Inh
1148	ALL	362974.3	3766708	1.75E-07	2YrCancerDerived_Inh
767	ALL	363424.3	3766458	1.75E-07	2YrCancerDerived_Inh
1319	ALL	363149.3	3766808	1.74E-07	2YrCancerDerived_Inh
883	ALL	363499.3	3766533	1.74E-07	2YrCancerDerived_Inh
924	ALL	363524.3	3766558	1.73E-07	2YrCancerDerived_Inh
584	ALL	362874.3	3766358	1.73E-07	2YrCancerDerived_Inh
844	ALL	363474.3	3766508	1.73E-07	2YrCancerDerived_Inh
898	ALL	362849.3	3766558	1.73E-07	2YrCancerDerived_Inh
435	ALL	363249.3	3766258	1.73E-07	2YrCancerDerived_Inh
1404	ALL	363224.3	3766858	1.72E-07	2YrCancerDerived_Inh
805	ALL	363449.3	3766483	1.72E-07	2YrCancerDerived_Inh
1257	ALL	363649.3	3766758	1.72E-07	2YrCancerDerived_Inh
1421	ALL	363649.3	3766858	1.72E-07	2YrCancerDerived_Inh
665	ALL	362849.3	3766408	1.71E-07	2YrCancerDerived_Inh
966	ALL	363549.3	3766583	1.71E-07	2YrCancerDerived_Inh
1063	ALL	362899.3	3766658	1.71E-07	2YrCancerDerived_Inh
1502	ALL	363624.3	3766908	1.70E-07	2YrCancerDerived_Inh
386	ALL	363049.3	3766233	1.70E-07	2YrCancerDerived_Inh
1533	ALL	363374.3	3766933	1.69E-07	2YrCancerDerived_Inh
1579	ALL	363499.3	3766958	1.68E-07	2YrCancerDerived_Inh
1542	ALL	363599.3	3766933	1.68E-07	2YrCancerDerived_Inh
1580	ALL	363524.3	3766958	1.68E-07	2YrCancerDerived_Inh
1133	ALL	363624.3	3766683	1.67E-07	2YrCancerDerived_Inh
1276	ALL	363099.3	3766783	1.67E-07	2YrCancerDerived_Inh
392	ALL	363199.3	3766233	1.67E-07	2YrCancerDerived_Inh
1008	ALL	363574.3	3766608	1.66E-07	2YrCancerDerived_Inh
424	ALL	362974.3	3766258	1.66E-07	2YrCancerDerived_Inh
1462	ALL	363649.3	3766883	1.66E-07	2YrCancerDerived_Inh
520	ALL	363324.3	3766308	1.66E-07	2YrCancerDerived_Inh
1578	ALL	363474.3	3766958	1.66E-07	2YrCancerDerived_Inh
1216	ALL	363649.3	3766733	1.66E-07	2YrCancerDerived_Inh
1233	ALL	363049.3	3766758	1.65E-07	2YrCancerDerived_Inh
1581	ALL	363549.3	3766958	1.65E-07	2YrCancerDerived_Inh
562	ALL	363349.3	3766333	1.64E-07	2YrCancerDerived_Inh
478	ALL	363299.3	3766283	1.63E-07	2YrCancerDerived_Inh
938	ALL	362849.3	3766583	1.63E-07	2YrCancerDerived_Inh
1021	ALL	362874.3	3766633	1.63E-07	2YrCancerDerived_Inh
1577	ALL	363449.3	3766958	1.63E-07	2YrCancerDerived_Inh
1361	ALL	363174.3	3766833	1.63E-07	2YrCancerDerived_Inh
687	ALL	363399.3	3766408	1.63E-07	2YrCancerDerived_Inh
1190	ALL	362999.3	3766733	1.62E-07	2YrCancerDerived_Inh
1489	ALL	363299.3	3766908	1.62E-07	2YrCancerDerived_Inh
385	ALL	363024.3	3766233	1.62E-07	2YrCancerDerived_Inh
624	ALL	362849.3	3766383	1.62E-07	2YrCancerDerived_Inh
503	ALL	362899.3	3766308	1.61E-07	2YrCancerDerived_Inh
1105	ALL	362924.3	3766683	1.61E-07	2YrCancerDerived_Inh
1582	ALL	363574.3	3766958	1.61E-07	2YrCancerDerived_Inh
1050	ALL	363599.3	3766633	1.60E-07	2YrCancerDerived_Inh
1543	ALL	363624.3	3766933	1.60E-07	2YrCancerDerived_Inh
1446	ALL	363249.3	3766883	1.60E-07	2YrCancerDerived_Inh
463	ALL	362924.3	3766283	1.59E-07	2YrCancerDerived_Inh
1532	ALL	363349.3	3766933	1.59E-07	2YrCancerDerived_Inh
1503	ALL	363649.3	3766908	1.59E-07	2YrCancerDerived_Inh
1576	ALL	363424.3	3766958	1.59E-07	2YrCancerDerived_Inh
543	ALL	362874.3	3766333	1.58E-07	2YrCancerDerived_Inh
784	ALL	362824.3	3766483	1.57E-07	2YrCancerDerived_Inh
393	ALL	363224.3	3766233	1.57E-07	2YrCancerDerived_Inh
604	ALL	363374.3	3766358	1.57E-07	2YrCancerDerived_Inh
1175	ALL	363649.3	3766708	1.56E-07	2YrCancerDerived_Inh
436	ALL	363274.3	3766258	1.56E-07	2YrCancerDerived_Inh
821	ALL	362824.3	3766508	1.56E-07	2YrCancerDerived_Inh
745	ALL	362824.3	3766458	1.56E-07	2YrCancerDerived_Inh
1583	ALL	363599.3	3766958	1.55E-07	2YrCancerDerived_Inh
1147	ALL	362949.3	3766708	1.55E-07	2YrCancerDerived_Inh
1318	ALL	363124.3	3766808	1.54E-07	2YrCancerDerived_Inh
1092	ALL	363624.3	3766658	1.53E-07	2YrCancerDerived_Inh
423	ALL	362949.3	3766258	1.53E-07	2YrCancerDerived_Inh
384	ALL	362999.3	3766233	1.53E-07	2YrCancerDerived_Inh
1403	ALL	363199.3	3766858	1.52E-07	2YrCancerDerived_Inh
1575	ALL	363399.3	3766958	1.52E-07	2YrCancerDerived_Inh
979	ALL	362849.3	3766608	1.52E-07	2YrCancerDerived_Inh
705	ALL	362824.3	3766433	1.52E-07	2YrCancerDerived_Inh
728	ALL	363424.3	3766433	1.52E-07	2YrCancerDerived_Inh
859	ALL	362824.3	3766533	1.52E-07	2YrCancerDerived_Inh

1544	ALL	363649.3	3766933	1.52E-07	2YrCancerDerived_Inh
583	ALL	362849.3	3766358	1.51E-07	2YrCancerDerived_Inh
348	ALL	363124.3	3766208	1.51E-07	2YrCancerDerived_Inh
347	ALL	363099.3	3766208	1.50E-07	2YrCancerDerived_Inh
1275	ALL	363074.3	3766783	1.50E-07	2YrCancerDerived_Inh
1584	ALL	363624.3	3766958	1.50E-07	2YrCancerDerived_Inh
349	ALL	363149.3	3766208	1.49E-07	2YrCancerDerived_Inh
1622	ALL	363549.3	3766983	1.49E-07	2YrCancerDerived_Inh
1232	ALL	363024.3	3766758	1.49E-07	2YrCancerDerived_Inh
1621	ALL	363524.3	3766983	1.49E-07	2YrCancerDerived_Inh
1531	ALL	363324.3	3766933	1.48E-07	2YrCancerDerived_Inh
1488	ALL	363274.3	3766908	1.48E-07	2YrCancerDerived_Inh
1620	ALL	363499.3	3766983	1.47E-07	2YrCancerDerived_Inh
346	ALL	363074.3	3766208	1.47E-07	2YrCancerDerived_Inh
664	ALL	362824.3	3766408	1.47E-07	2YrCancerDerived_Inh
1623	ALL	363574.3	3766983	1.47E-07	2YrCancerDerived_Inh
1062	ALL	362874.3	3766658	1.47E-07	2YrCancerDerived_Inh
646	ALL	363399.3	3766383	1.47E-07	2YrCancerDerived_Inh
897	ALL	362824.3	3766558	1.46E-07	2YrCancerDerived_Inh
768	ALL	363449.3	3766458	1.46E-07	2YrCancerDerived_Inh
925	ALL	363549.3	3766558	1.46E-07	2YrCancerDerived_Inh
884	ALL	363524.3	3766533	1.46E-07	2YrCancerDerived_Inh
350	ALL	363174.3	3766208	1.45E-07	2YrCancerDerived_Inh
1619	ALL	363474.3	3766983	1.45E-07	2YrCancerDerived_Inh
1134	ALL	363649.3	3766683	1.45E-07	2YrCancerDerived_Inh
1189	ALL	362974.3	3766733	1.45E-07	2YrCancerDerived_Inh
394	ALL	363249.3	3766233	1.45E-07	2YrCancerDerived_Inh
845	ALL	363499.3	3766508	1.45E-07	2YrCancerDerived_Inh
967	ALL	363574.3	3766583	1.45E-07	2YrCancerDerived_Inh
1574	ALL	363374.3	3766958	1.45E-07	2YrCancerDerived_Inh
806	ALL	363474.3	3766483	1.44E-07	2YrCancerDerived_Inh
462	ALL	362899.3	3766283	1.44E-07	2YrCancerDerived_Inh
502	ALL	362874.3	3766308	1.44E-07	2YrCancerDerived_Inh
479	ALL	363324.3	3766283	1.43E-07	2YrCancerDerived_Inh
521	ALL	363349.3	3766308	1.43E-07	2YrCancerDerived_Inh
1360	ALL	363149.3	3766833	1.43E-07	2YrCancerDerived_Inh
1624	ALL	363599.3	3766983	1.43E-07	2YrCancerDerived_Inh
1585	ALL	363649.3	3766958	1.43E-07	2YrCancerDerived_Inh
383	ALL	362974.3	3766233	1.43E-07	2YrCancerDerived_Inh
345	ALL	363049.3	3766208	1.43E-07	2YrCancerDerived_Inh
1445	ALL	363224.3	3766883	1.42E-07	2YrCancerDerived_Inh
1618	ALL	363449.3	3766983	1.42E-07	2YrCancerDerived_Inh
1009	ALL	363599.3	3766608	1.42E-07	2YrCancerDerived_Inh
1104	ALL	362899.3	3766683	1.41E-07	2YrCancerDerived_Inh
1020	ALL	362849.3	3766633	1.40E-07	2YrCancerDerived_Inh
422	ALL	362924.3	3766258	1.40E-07	2YrCancerDerived_Inh
623	ALL	362824.3	3766383	1.40E-07	2YrCancerDerived_Inh
437	ALL	363299.3	3766258	1.40E-07	2YrCancerDerived_Inh
351	ALL	363199.3	3766208	1.40E-07	2YrCancerDerived_Inh
563	ALL	363374.3	3766333	1.40E-07	2YrCancerDerived_Inh
542	ALL	362849.3	3766333	1.39E-07	2YrCancerDerived_Inh
937	ALL	362824.3	3766583	1.39E-07	2YrCancerDerived_Inh
1625	ALL	363624.3	3766983	1.39E-07	2YrCancerDerived_Inh
1317	ALL	363099.3	3766808	1.38E-07	2YrCancerDerived_Inh
1051	ALL	363624.3	3766633	1.38E-07	2YrCancerDerived_Inh
1617	ALL	363424.3	3766983	1.37E-07	2YrCancerDerived_Inh
1146	ALL	362924.3	3766708	1.37E-07	2YrCancerDerived_Inh
344	ALL	363024.3	3766208	1.37E-07	2YrCancerDerived_Inh
688	ALL	363424.3	3766408	1.36E-07	2YrCancerDerived_Inh
1530	ALL	363299.3	3766933	1.36E-07	2YrCancerDerived_Inh
1274	ALL	363049.3	3766783	1.36E-07	2YrCancerDerived_Inh
1573	ALL	363349.3	3766958	1.36E-07	2YrCancerDerived_Inh
1402	ALL	363174.3	3766858	1.35E-07	2YrCancerDerived_Inh
1231	ALL	362999.3	3766758	1.35E-07	2YrCancerDerived_Inh
783	ALL	362799.3	3766483	1.34E-07	2YrCancerDerived_Inh
1626	ALL	363649.3	3766983	1.34E-07	2YrCancerDerived_Inh
744	ALL	362799.3	3766458	1.33E-07	2YrCancerDerived_Inh
1487	ALL	363249.3	3766908	1.33E-07	2YrCancerDerived_Inh
1664	ALL	363574.3	3767008	1.33E-07	2YrCancerDerived_Inh
382	ALL	362949.3	3766233	1.33E-07	2YrCancerDerived_Inh
820	ALL	362799.3	3766508	1.33E-07	2YrCancerDerived_Inh
1663	ALL	363549.3	3767008	1.33E-07	2YrCancerDerived_Inh
395	ALL	363274.3	3766233	1.33E-07	2YrCancerDerived_Inh
1093	ALL	363649.3	3766658	1.33E-07	2YrCancerDerived_Inh
605	ALL	363399.3	3766358	1.33E-07	2YrCancerDerived_Inh
352	ALL	363224.3	3766208	1.32E-07	2YrCancerDerived_Inh
582	ALL	362824.3	3766358	1.32E-07	2YrCancerDerived_Inh
1662	ALL	363524.3	3767008	1.32E-07	2YrCancerDerived_Inh
1665	ALL	363599.3	3767008	1.31E-07	2YrCancerDerived_Inh
1616	ALL	363399.3	3766983	1.31E-07	2YrCancerDerived_Inh
704	ALL	362799.3	3766433	1.31E-07	2YrCancerDerived_Inh

978	ALL	362824.3	3766608	1.31E-07	2YrCancerDerived_Inh
343	ALL	362999.3	3766208	1.31E-07	2YrCancerDerived_Inh
1661	ALL	363499.3	3767008	1.30E-07	2YrCancerDerived_Inh
1188	ALL	362949.3	3766733	1.30E-07	2YrCancerDerived_Inh
858	ALL	362799.3	3766533	1.30E-07	2YrCancerDerived_Inh
461	ALL	362874.3	3766283	1.30E-07	2YrCancerDerived_Inh
1666	ALL	363624.3	3767008	1.28E-07	2YrCancerDerived_Inh
729	ALL	363449.3	3766433	1.28E-07	2YrCancerDerived_Inh
1061	ALL	362849.3	3766658	1.28E-07	2YrCancerDerived_Inh
501	ALL	362849.3	3766308	1.28E-07	2YrCancerDerived_Inh
1660	ALL	363474.3	3767008	1.28E-07	2YrCancerDerived_Inh
421	ALL	362899.3	3766258	1.28E-07	2YrCancerDerived_Inh
1359	ALL	363124.3	3766833	1.28E-07	2YrCancerDerived_Inh
663	ALL	362799.3	3766408	1.27E-07	2YrCancerDerived_Inh
307	ALL	363124.3	3766183	1.27E-07	2YrCancerDerived_Inh
1444	ALL	363199.3	3766883	1.27E-07	2YrCancerDerived_Inh
306	ALL	363099.3	3766183	1.26E-07	2YrCancerDerived_Inh
480	ALL	363349.3	3766283	1.26E-07	2YrCancerDerived_Inh
896	ALL	362799.3	3766558	1.26E-07	2YrCancerDerived_Inh
1572	ALL	363324.3	3766958	1.26E-07	2YrCancerDerived_Inh
308	ALL	363149.3	3766183	1.26E-07	2YrCancerDerived_Inh
1667	ALL	363649.3	3767008	1.25E-07	2YrCancerDerived_Inh
1316	ALL	363074.3	3766808	1.25E-07	2YrCancerDerived_Inh
305	ALL	363074.3	3766183	1.25E-07	2YrCancerDerived_Inh
438	ALL	363324.3	3766258	1.25E-07	2YrCancerDerived_Inh
1659	ALL	363449.3	3767008	1.24E-07	2YrCancerDerived_Inh
522	ALL	363374.3	3766308	1.24E-07	2YrCancerDerived_Inh
1615	ALL	363374.3	3766983	1.24E-07	2YrCancerDerived_Inh
926	ALL	363574.3	3766558	1.24E-07	2YrCancerDerived_Inh
647	ALL	363424.3	3766383	1.24E-07	2YrCancerDerived_Inh
1529	ALL	363274.3	3766933	1.24E-07	2YrCancerDerived_Inh
1273	ALL	363024.3	3766783	1.24E-07	2YrCancerDerived_Inh
769	ALL	363474.3	3766458	1.24E-07	2YrCancerDerived_Inh
885	ALL	363549.3	3766533	1.24E-07	2YrCancerDerived_Inh
1103	ALL	362874.3	3766683	1.24E-07	2YrCancerDerived_Inh
968	ALL	363599.3	3766583	1.23E-07	2YrCancerDerived_Inh
342	ALL	362974.3	3766208	1.23E-07	2YrCancerDerived_Inh
353	ALL	363249.3	3766208	1.23E-07	2YrCancerDerived_Inh
541	ALL	362824.3	3766333	1.23E-07	2YrCancerDerived_Inh
381	ALL	362924.3	3766233	1.23E-07	2YrCancerDerived_Inh
846	ALL	363524.3	3766508	1.23E-07	2YrCancerDerived_Inh
309	ALL	363174.3	3766183	1.23E-07	2YrCancerDerived_Inh
807	ALL	363499.3	3766483	1.22E-07	2YrCancerDerived_Inh
1230	ALL	362974.3	3766758	1.22E-07	2YrCancerDerived_Inh
622	ALL	362799.3	3766383	1.22E-07	2YrCancerDerived_Inh
1019	ALL	362824.3	3766633	1.22E-07	2YrCancerDerived_Inh
1145	ALL	362899.3	3766708	1.22E-07	2YrCancerDerived_Inh
1010	ALL	363624.3	3766608	1.22E-07	2YrCancerDerived_Inh
304	ALL	363049.3	3766183	1.21E-07	2YrCancerDerived_Inh
396	ALL	363299.3	3766233	1.20E-07	2YrCancerDerived_Inh
936	ALL	362799.3	3766583	1.20E-07	2YrCancerDerived_Inh
1401	ALL	363149.3	3766858	1.20E-07	2YrCancerDerived_Inh
564	ALL	363399.3	3766333	1.20E-07	2YrCancerDerived_Inh
1658	ALL	363424.3	3767008	1.20E-07	2YrCancerDerived_Inh
1486	ALL	363224.3	3766908	1.19E-07	2YrCancerDerived_Inh
1052	ALL	363649.3	3766633	1.19E-07	2YrCancerDerived_Inh
310	ALL	363199.3	3766183	1.18E-07	2YrCancerDerived_Inh
303	ALL	363024.3	3766183	1.17E-07	2YrCancerDerived_Inh
1187	ALL	362924.3	3766733	1.17E-07	2YrCancerDerived_Inh
460	ALL	362849.3	3766283	1.17E-07	2YrCancerDerived_Inh
420	ALL	362874.3	3766258	1.17E-07	2YrCancerDerived_Inh
1614	ALL	363349.3	3766983	1.16E-07	2YrCancerDerived_Inh
581	ALL	362799.3	3766358	1.16E-07	2YrCancerDerived_Inh
341	ALL	362949.3	3766208	1.16E-07	2YrCancerDerived_Inh
782	ALL	362774.3	3766483	1.16E-07	2YrCancerDerived_Inh
689	ALL	363449.3	3766408	1.16E-07	2YrCancerDerived_Inh
743	ALL	362774.3	3766458	1.15E-07	2YrCancerDerived_Inh
1571	ALL	363299.3	3766958	1.15E-07	2YrCancerDerived_Inh
1358	ALL	363099.3	3766833	1.15E-07	2YrCancerDerived_Inh
819	ALL	362774.3	3766508	1.15E-07	2YrCancerDerived_Inh
500	ALL	362824.3	3766308	1.14E-07	2YrCancerDerived_Inh
354	ALL	363274.3	3766208	1.14E-07	2YrCancerDerived_Inh
1315	ALL	363049.3	3766808	1.14E-07	2YrCancerDerived_Inh
703	ALL	362774.3	3766433	1.14E-07	2YrCancerDerived_Inh
1657	ALL	363399.3	3767008	1.14E-07	2YrCancerDerived_Inh
977	ALL	362799.3	3766608	1.14E-07	2YrCancerDerived_Inh
380	ALL	362899.3	3766233	1.14E-07	2YrCancerDerived_Inh
606	ALL	363424.3	3766358	1.13E-07	2YrCancerDerived_Inh
1443	ALL	363174.3	3766883	1.13E-07	2YrCancerDerived_Inh
1272	ALL	362999.3	3766783	1.13E-07	2YrCancerDerived_Inh
302	ALL	362999.3	3766183	1.13E-07	2YrCancerDerived_Inh

311	ALL	363224.3	3766183	1.13E-07	2YrCancerDerived_Inh
1528	ALL	363249.3	3766933	1.12E-07	2YrCancerDerived_Inh
857	ALL	362774.3	3766533	1.12E-07	2YrCancerDerived_Inh
1060	ALL	362824.3	3766658	1.12E-07	2YrCancerDerived_Inh
662	ALL	362774.3	3766408	1.11E-07	2YrCancerDerived_Inh
439	ALL	363349.3	3766258	1.11E-07	2YrCancerDerived_Inh
481	ALL	363374.3	3766283	1.11E-07	2YrCancerDerived_Inh
1229	ALL	362949.3	3766758	1.10E-07	2YrCancerDerived_Inh
730	ALL	363474.3	3766433	1.10E-07	2YrCancerDerived_Inh
540	ALL	362799.3	3766333	1.09E-07	2YrCancerDerived_Inh
1102	ALL	362849.3	3766683	1.09E-07	2YrCancerDerived_Inh
895	ALL	362774.3	3766558	1.09E-07	2YrCancerDerived_Inh
397	ALL	363324.3	3766233	1.09E-07	2YrCancerDerived_Inh
340	ALL	362924.3	3766208	1.09E-07	2YrCancerDerived_Inh
1144	ALL	362874.3	3766708	1.08E-07	2YrCancerDerived_Inh
523	ALL	363399.3	3766308	1.08E-07	2YrCancerDerived_Inh
266	ALL	363124.3	3766158	1.08E-07	2YrCancerDerived_Inh
265	ALL	363099.3	3766158	1.08E-07	2YrCancerDerived_Inh
1400	ALL	363124.3	3766858	1.08E-07	2YrCancerDerived_Inh
1613	ALL	363324.3	3766983	1.08E-07	2YrCancerDerived_Inh
301	ALL	362974.3	3766183	1.07E-07	2YrCancerDerived_Inh
621	ALL	362774.3	3766383	1.07E-07	2YrCancerDerived_Inh
1656	ALL	363374.3	3767008	1.07E-07	2YrCancerDerived_Inh
267	ALL	363149.3	3766158	1.07E-07	2YrCancerDerived_Inh
1485	ALL	363199.3	3766908	1.07E-07	2YrCancerDerived_Inh
1018	ALL	362799.3	3766633	1.07E-07	2YrCancerDerived_Inh
264	ALL	363074.3	3766158	1.07E-07	2YrCancerDerived_Inh
927	ALL	363599.3	3766558	1.07E-07	2YrCancerDerived_Inh
969	ALL	363624.3	3766583	1.06E-07	2YrCancerDerived_Inh
419	ALL	362849.3	3766258	1.06E-07	2YrCancerDerived_Inh
648	ALL	363449.3	3766383	1.06E-07	2YrCancerDerived_Inh
312	ALL	363249.3	3766183	1.06E-07	2YrCancerDerived_Inh
770	ALL	363499.3	3766458	1.06E-07	2YrCancerDerived_Inh
886	ALL	363574.3	3766533	1.06E-07	2YrCancerDerived_Inh
1186	ALL	362899.3	3766733	1.05E-07	2YrCancerDerived_Inh
1011	ALL	363649.3	3766608	1.05E-07	2YrCancerDerived_Inh
459	ALL	362824.3	3766283	1.05E-07	2YrCancerDerived_Inh
1570	ALL	363274.3	3766958	1.05E-07	2YrCancerDerived_Inh
847	ALL	363549.3	3766508	1.05E-07	2YrCancerDerived_Inh
1357	ALL	363074.3	3766833	1.05E-07	2YrCancerDerived_Inh
808	ALL	363524.3	3766483	1.05E-07	2YrCancerDerived_Inh
268	ALL	363174.3	3766158	1.05E-07	2YrCancerDerived_Inh
379	ALL	362874.3	3766233	1.05E-07	2YrCancerDerived_Inh
355	ALL	363299.3	3766208	1.05E-07	2YrCancerDerived_Inh
935	ALL	362774.3	3766583	1.05E-07	2YrCancerDerived_Inh
263	ALL	363049.3	3766158	1.05E-07	2YrCancerDerived_Inh
1314	ALL	363024.3	3766808	1.04E-07	2YrCancerDerived_Inh
565	ALL	363424.3	3766333	1.04E-07	2YrCancerDerived_Inh
1271	ALL	362974.3	3766783	1.03E-07	2YrCancerDerived_Inh
580	ALL	362774.3	3766358	1.03E-07	2YrCancerDerived_Inh
499	ALL	362799.3	3766308	1.02E-07	2YrCancerDerived_Inh
300	ALL	362949.3	3766183	1.02E-07	2YrCancerDerived_Inh
262	ALL	363024.3	3766158	1.02E-07	2YrCancerDerived_Inh
269	ALL	363199.3	3766158	1.02E-07	2YrCancerDerived_Inh
1442	ALL	363149.3	3766883	1.01E-07	2YrCancerDerived_Inh
1527	ALL	363224.3	3766933	1.01E-07	2YrCancerDerived_Inh
339	ALL	362899.3	3766208	1.01E-07	2YrCancerDerived_Inh
781	ALL	362749.3	3766483	1.01E-07	2YrCancerDerived_Inh
742	ALL	362749.3	3766458	1.01E-07	2YrCancerDerived_Inh
1228	ALL	362924.3	3766758	1.00E-07	2YrCancerDerived_Inh
1655	ALL	363349.3	3767008	1.00E-07	2YrCancerDerived_Inh
818	ALL	362749.3	3766508	1.00E-07	2YrCancerDerived_Inh
702	ALL	362749.3	3766433	9.97E-08	2YrCancerDerived_Inh
976	ALL	362774.3	3766608	9.96E-08	2YrCancerDerived_Inh
1059	ALL	362799.3	3766658	9.95E-08	2YrCancerDerived_Inh
690	ALL	363474.3	3766408	9.95E-08	2YrCancerDerived_Inh
313	ALL	363274.3	3766183	9.90E-08	2YrCancerDerived_Inh
1612	ALL	363299.3	3766983	9.90E-08	2YrCancerDerived_Inh
440	ALL	363374.3	3766258	9.87E-08	2YrCancerDerived_Inh
261	ALL	362999.3	3766158	9.81E-08	2YrCancerDerived_Inh
856	ALL	362749.3	3766533	9.80E-08	2YrCancerDerived_Inh
398	ALL	363349.3	3766233	9.80E-08	2YrCancerDerived_Inh
607	ALL	363449.3	3766358	9.78E-08	2YrCancerDerived_Inh
661	ALL	362749.3	3766408	9.77E-08	2YrCancerDerived_Inh
1399	ALL	363099.3	3766858	9.77E-08	2YrCancerDerived_Inh
539	ALL	362774.3	3766333	9.75E-08	2YrCancerDerived_Inh
482	ALL	363399.3	3766283	9.75E-08	2YrCancerDerived_Inh
270	ALL	363224.3	3766158	9.72E-08	2YrCancerDerived_Inh
1101	ALL	362824.3	3766683	9.67E-08	2YrCancerDerived_Inh
418	ALL	362824.3	3766258	9.67E-08	2YrCancerDerived_Inh
1143	ALL	362849.3	3766708	9.67E-08	2YrCancerDerived_Inh

1356	ALL	363049.3	3766833	9.65E-08	2YrCancerDerived_Inh
378	ALL	362849.3	3766233	9.63E-08	2YrCancerDerived_Inh
299	ALL	362924.3	3766183	9.60E-08	2YrCancerDerived_Inh
1313	ALL	362999.3	3766808	9.60E-08	2YrCancerDerived_Inh
1484	ALL	363174.3	3766908	9.59E-08	2YrCancerDerived_Inh
1569	ALL	363249.3	3766958	9.57E-08	2YrCancerDerived_Inh
356	ALL	363324.3	3766208	9.56E-08	2YrCancerDerived_Inh
894	ALL	362749.3	3766558	9.53E-08	2YrCancerDerived_Inh
458	ALL	362799.3	3766283	9.52E-08	2YrCancerDerived_Inh
1185	ALL	362874.3	3766733	9.49E-08	2YrCancerDerived_Inh
620	ALL	362749.3	3766383	9.49E-08	2YrCancerDerived_Inh
1270	ALL	362949.3	3766783	9.47E-08	2YrCancerDerived_Inh
731	ALL	363499.3	3766433	9.46E-08	2YrCancerDerived_Inh
524	ALL	363424.3	3766308	9.46E-08	2YrCancerDerived_Inh
1017	ALL	362774.3	3766633	9.41E-08	2YrCancerDerived_Inh
260	ALL	362974.3	3766158	9.41E-08	2YrCancerDerived_Inh
338	ALL	362874.3	3766208	9.41E-08	2YrCancerDerived_Inh
225	ALL	363124.3	3766133	9.32E-08	2YrCancerDerived_Inh
224	ALL	363099.3	3766133	9.32E-08	2YrCancerDerived_Inh
1654	ALL	363324.3	3767008	9.29E-08	2YrCancerDerived_Inh
223	ALL	363074.3	3766133	9.24E-08	2YrCancerDerived_Inh
226	ALL	363149.3	3766133	9.24E-08	2YrCancerDerived_Inh
970	ALL	363649.3	3766583	9.24E-08	2YrCancerDerived_Inh
928	ALL	363624.3	3766558	9.23E-08	2YrCancerDerived_Inh
271	ALL	363249.3	3766158	9.21E-08	2YrCancerDerived_Inh
498	ALL	362774.3	3766308	9.20E-08	2YrCancerDerived_Inh
1227	ALL	362899.3	3766758	9.19E-08	2YrCancerDerived_Inh
771	ALL	363524.3	3766458	9.18E-08	2YrCancerDerived_Inh
934	ALL	362749.3	3766583	9.18E-08	2YrCancerDerived_Inh
887	ALL	363599.3	3766533	9.17E-08	2YrCancerDerived_Inh
649	ALL	363474.3	3766383	9.17E-08	2YrCancerDerived_Inh
1441	ALL	363124.3	3766883	9.16E-08	2YrCancerDerived_Inh
314	ALL	363299.3	3766183	9.16E-08	2YrCancerDerived_Inh
579	ALL	362749.3	3766358	9.14E-08	2YrCancerDerived_Inh
848	ALL	363574.3	3766508	9.11E-08	2YrCancerDerived_Inh
1526	ALL	363199.3	3766933	9.11E-08	2YrCancerDerived_Inh
809	ALL	363549.3	3766483	9.09E-08	2YrCancerDerived_Inh
222	ALL	363049.3	3766133	9.09E-08	2YrCancerDerived_Inh
227	ALL	363174.3	3766133	9.06E-08	2YrCancerDerived_Inh
1611	ALL	363274.3	3766983	9.04E-08	2YrCancerDerived_Inh
298	ALL	362899.3	3766183	9.03E-08	2YrCancerDerived_Inh
566	ALL	363449.3	3766333	9.02E-08	2YrCancerDerived_Inh
259	ALL	362949.3	3766158	8.98E-08	2YrCancerDerived_Inh
1398	ALL	363074.3	3766858	8.95E-08	2YrCancerDerived_Inh
1355	ALL	363024.3	3766833	8.89E-08	2YrCancerDerived_Inh
741	ALL	362724.3	3766458	8.88E-08	2YrCancerDerived_Inh
780	ALL	362724.3	3766483	8.87E-08	2YrCancerDerived_Inh
221	ALL	363024.3	3766133	8.87E-08	2YrCancerDerived_Inh
1312	ALL	362974.3	3766808	8.85E-08	2YrCancerDerived_Inh
377	ALL	362824.3	3766233	8.85E-08	2YrCancerDerived_Inh
1058	ALL	362774.3	3766658	8.84E-08	2YrCancerDerived_Inh
417	ALL	362799.3	3766258	8.82E-08	2YrCancerDerived_Inh
399	ALL	363374.3	3766233	8.81E-08	2YrCancerDerived_Inh
701	ALL	362724.3	3766433	8.81E-08	2YrCancerDerived_Inh
228	ALL	363199.3	3766133	8.80E-08	2YrCancerDerived_Inh
441	ALL	363399.3	3766258	8.79E-08	2YrCancerDerived_Inh
975	ALL	362749.3	3766608	8.79E-08	2YrCancerDerived_Inh
817	ALL	362724.3	3766508	8.79E-08	2YrCancerDerived_Inh
538	ALL	362749.3	3766333	8.73E-08	2YrCancerDerived_Inh
337	ALL	362849.3	3766208	8.73E-08	2YrCancerDerived_Inh
1269	ALL	362924.3	3766783	8.71E-08	2YrCancerDerived_Inh
1100	ALL	362799.3	3766683	8.70E-08	2YrCancerDerived_Inh
357	ALL	363349.3	3766208	8.70E-08	2YrCancerDerived_Inh
1568	ALL	363224.3	3766958	8.67E-08	2YrCancerDerived_Inh
1483	ALL	363149.3	3766908	8.66E-08	2YrCancerDerived_Inh
272	ALL	363274.3	3766158	8.66E-08	2YrCancerDerived_Inh
660	ALL	362724.3	3766408	8.66E-08	2YrCancerDerived_Inh
1142	ALL	362824.3	3766708	8.64E-08	2YrCancerDerived_Inh
691	ALL	363499.3	3766408	8.63E-08	2YrCancerDerived_Inh
855	ALL	362724.3	3766533	8.63E-08	2YrCancerDerived_Inh
457	ALL	362774.3	3766283	8.62E-08	2YrCancerDerived_Inh
483	ALL	363424.3	3766283	8.62E-08	2YrCancerDerived_Inh
220	ALL	362999.3	3766133	8.60E-08	2YrCancerDerived_Inh
1653	ALL	363299.3	3767008	8.56E-08	2YrCancerDerived_Inh
1184	ALL	362849.3	3766733	8.54E-08	2YrCancerDerived_Inh
258	ALL	362924.3	3766158	8.53E-08	2YrCancerDerived_Inh
608	ALL	363474.3	3766358	8.51E-08	2YrCancerDerived_Inh
229	ALL	363224.3	3766133	8.47E-08	2YrCancerDerived_Inh
297	ALL	362874.3	3766183	8.46E-08	2YrCancerDerived_Inh
315	ALL	363324.3	3766183	8.44E-08	2YrCancerDerived_Inh
619	ALL	362724.3	3766383	8.44E-08	2YrCancerDerived_Inh

893	ALL	362724.3	3766558	8.40E-08	2YrCancerDerived_Inh
1440	ALL	363099.3	3766883	8.37E-08	2YrCancerDerived_Inh
1016	ALL	362749.3	3766633	8.35E-08	2YrCancerDerived_Inh
1226	ALL	362874.3	3766758	8.34E-08	2YrCancerDerived_Inh
525	ALL	363449.3	3766308	8.32E-08	2YrCancerDerived_Inh
219	ALL	362974.3	3766133	8.30E-08	2YrCancerDerived_Inh
497	ALL	362749.3	3766308	8.29E-08	2YrCancerDerived_Inh
1397	ALL	363049.3	3766858	8.26E-08	2YrCancerDerived_Inh
1610	ALL	363249.3	3766983	8.25E-08	2YrCancerDerived_Inh
732	ALL	363524.3	3766433	8.25E-08	2YrCancerDerived_Inh
1525	ALL	363174.3	3766933	8.23E-08	2YrCancerDerived_Inh
1354	ALL	362999.3	3766833	8.23E-08	2YrCancerDerived_Inh
578	ALL	362724.3	3766358	8.17E-08	2YrCancerDerived_Inh
1311	ALL	362949.3	3766808	8.17E-08	2YrCancerDerived_Inh
376	ALL	362799.3	3766233	8.14E-08	2YrCancerDerived_Inh
183	ALL	363099.3	3766108	8.13E-08	2YrCancerDerived_Inh
933	ALL	362724.3	3766583	8.13E-08	2YrCancerDerived_Inh
184	ALL	363124.3	3766108	8.12E-08	2YrCancerDerived_Inh
336	ALL	362824.3	3766208	8.09E-08	2YrCancerDerived_Inh
273	ALL	363299.3	3766158	8.08E-08	2YrCancerDerived_Inh
257	ALL	362899.3	3766158	8.08E-08	2YrCancerDerived_Inh
182	ALL	363074.3	3766108	8.07E-08	2YrCancerDerived_Inh
230	ALL	363249.3	3766133	8.07E-08	2YrCancerDerived_Inh
929	ALL	363649.3	3766558	8.06E-08	2YrCancerDerived_Inh
185	ALL	363149.3	3766108	8.05E-08	2YrCancerDerived_Inh
416	ALL	362774.3	3766258	8.05E-08	2YrCancerDerived_Inh
772	ALL	363549.3	3766458	8.02E-08	2YrCancerDerived_Inh
1268	ALL	362899.3	3766783	8.01E-08	2YrCancerDerived_Inh
888	ALL	363624.3	3766533	8.01E-08	2YrCancerDerived_Inh
650	ALL	363499.3	3766383	8.00E-08	2YrCancerDerived_Inh
181	ALL	363049.3	3766108	7.96E-08	2YrCancerDerived_Inh
218	ALL	362949.3	3766133	7.96E-08	2YrCancerDerived_Inh
849	ALL	363599.3	3766508	7.95E-08	2YrCancerDerived_Inh
810	ALL	363574.3	3766483	7.94E-08	2YrCancerDerived_Inh
400	ALL	363399.3	3766233	7.94E-08	2YrCancerDerived_Inh
567	ALL	363474.3	3766333	7.91E-08	2YrCancerDerived_Inh
296	ALL	362849.3	3766183	7.91E-08	2YrCancerDerived_Inh
186	ALL	363174.3	3766108	7.91E-08	2YrCancerDerived_Inh
358	ALL	363374.3	3766208	7.90E-08	2YrCancerDerived_Inh
1057	ALL	362749.3	3766658	7.89E-08	2YrCancerDerived_Inh
740	ALL	362699.3	3766458	7.88E-08	2YrCancerDerived_Inh
1482	ALL	363124.3	3766908	7.88E-08	2YrCancerDerived_Inh
779	ALL	362699.3	3766483	7.86E-08	2YrCancerDerived_Inh
537	ALL	362724.3	3766333	7.85E-08	2YrCancerDerived_Inh
442	ALL	363424.3	3766258	7.85E-08	2YrCancerDerived_Inh
1652	ALL	363274.3	3767008	7.84E-08	2YrCancerDerived_Inh
1567	ALL	363199.3	3766958	7.84E-08	2YrCancerDerived_Inh
700	ALL	362699.3	3766433	7.83E-08	2YrCancerDerived_Inh
456	ALL	362749.3	3766283	7.83E-08	2YrCancerDerived_Inh
974	ALL	362724.3	3766608	7.80E-08	2YrCancerDerived_Inh
180	ALL	363024.3	3766108	7.80E-08	2YrCancerDerived_Inh
816	ALL	362699.3	3766508	7.78E-08	2YrCancerDerived_Inh
1099	ALL	362774.3	3766683	7.78E-08	2YrCancerDerived_Inh
1141	ALL	362799.3	3766708	7.77E-08	2YrCancerDerived_Inh
316	ALL	363349.3	3766183	7.75E-08	2YrCancerDerived_Inh
659	ALL	362699.3	3766408	7.72E-08	2YrCancerDerived_Inh
1183	ALL	362824.3	3766733	7.71E-08	2YrCancerDerived_Inh
187	ALL	363199.3	3766108	7.71E-08	2YrCancerDerived_Inh
1439	ALL	363074.3	3766883	7.70E-08	2YrCancerDerived_Inh
854	ALL	362699.3	3766533	7.65E-08	2YrCancerDerived_Inh
484	ALL	363449.3	3766283	7.65E-08	2YrCancerDerived_Inh
1396	ALL	363024.3	3766858	7.65E-08	2YrCancerDerived_Inh
1353	ALL	362974.3	3766833	7.63E-08	2YrCancerDerived_Inh
231	ALL	363274.3	3766133	7.63E-08	2YrCancerDerived_Inh
256	ALL	362874.3	3766158	7.62E-08	2YrCancerDerived_Inh
217	ALL	362924.3	3766133	7.61E-08	2YrCancerDerived_Inh
179	ALL	362999.3	3766108	7.59E-08	2YrCancerDerived_Inh
1310	ALL	362924.3	3766808	7.56E-08	2YrCancerDerived_Inh
692	ALL	363524.3	3766408	7.56E-08	2YrCancerDerived_Inh
1225	ALL	362849.3	3766758	7.56E-08	2YrCancerDerived_Inh
618	ALL	362699.3	3766383	7.56E-08	2YrCancerDerived_Inh
274	ALL	363324.3	3766158	7.50E-08	2YrCancerDerived_Inh
496	ALL	362724.3	3766308	7.50E-08	2YrCancerDerived_Inh
1609	ALL	363224.3	3766983	7.50E-08	2YrCancerDerived_Inh
335	ALL	362799.3	3766208	7.49E-08	2YrCancerDerived_Inh
375	ALL	362774.3	3766233	7.48E-08	2YrCancerDerived_Inh
1524	ALL	363149.3	3766933	7.47E-08	2YrCancerDerived_Inh
609	ALL	363499.3	3766358	7.47E-08	2YrCancerDerived_Inh
892	ALL	362699.3	3766558	7.46E-08	2YrCancerDerived_Inh
1015	ALL	362724.3	3766633	7.45E-08	2YrCancerDerived_Inh
188	ALL	363224.3	3766108	7.44E-08	2YrCancerDerived_Inh

295	ALL	362824.3	3766183	7.39E-08	2YrCancerDerived_Inh
415	ALL	362749.3	3766258	7.36E-08	2YrCancerDerived_Inh
178	ALL	362974.3	3766108	7.36E-08	2YrCancerDerived_Inh
526	ALL	363474.3	3766308	7.35E-08	2YrCancerDerived_Inh
577	ALL	362699.3	3766358	7.34E-08	2YrCancerDerived_Inh
1267	ALL	362874.3	3766783	7.33E-08	2YrCancerDerived_Inh
216	ALL	362899.3	3766133	7.25E-08	2YrCancerDerived_Inh
733	ALL	363549.3	3766433	7.25E-08	2YrCancerDerived_Inh
932	ALL	362699.3	3766583	7.24E-08	2YrCancerDerived_Inh
1481	ALL	363099.3	3766908	7.23E-08	2YrCancerDerived_Inh
255	ALL	362849.3	3766158	7.18E-08	2YrCancerDerived_Inh
359	ALL	363399.3	3766208	7.18E-08	2YrCancerDerived_Inh
1651	ALL	363249.3	3767008	7.17E-08	2YrCancerDerived_Inh
232	ALL	363299.3	3766133	7.17E-08	2YrCancerDerived_Inh
401	ALL	363424.3	3766233	7.15E-08	2YrCancerDerived_Inh
142	ALL	363099.3	3766083	7.15E-08	2YrCancerDerived_Inh
143	ALL	363124.3	3766083	7.14E-08	2YrCancerDerived_Inh
455	ALL	362724.3	3766283	7.13E-08	2YrCancerDerived_Inh
189	ALL	363249.3	3766108	7.12E-08	2YrCancerDerived_Inh
1566	ALL	363174.3	3766958	7.12E-08	2YrCancerDerived_Inh
1395	ALL	362999.3	3766858	7.12E-08	2YrCancerDerived_Inh
1438	ALL	363049.3	3766883	7.12E-08	2YrCancerDerived_Inh
141	ALL	363074.3	3766083	7.11E-08	2YrCancerDerived_Inh
317	ALL	363374.3	3766183	7.10E-08	2YrCancerDerived_Inh
177	ALL	362949.3	3766108	7.10E-08	2YrCancerDerived_Inh
536	ALL	362699.3	3766333	7.09E-08	2YrCancerDerived_Inh
1352	ALL	362949.3	3766833	7.09E-08	2YrCancerDerived_Inh
144	ALL	363149.3	3766083	7.08E-08	2YrCancerDerived_Inh
1056	ALL	362724.3	3766658	7.08E-08	2YrCancerDerived_Inh
773	ALL	363574.3	3766458	7.06E-08	2YrCancerDerived_Inh
889	ALL	363649.3	3766533	7.04E-08	2YrCancerDerived_Inh
739	ALL	362674.3	3766458	7.04E-08	2YrCancerDerived_Inh
651	ALL	363524.3	3766383	7.04E-08	2YrCancerDerived_Inh
140	ALL	363049.3	3766083	7.03E-08	2YrCancerDerived_Inh
443	ALL	363449.3	3766258	7.03E-08	2YrCancerDerived_Inh
778	ALL	362674.3	3766483	7.02E-08	2YrCancerDerived_Inh
699	ALL	362674.3	3766433	7.01E-08	2YrCancerDerived_Inh
850	ALL	363624.3	3766508	7.00E-08	2YrCancerDerived_Inh
811	ALL	363599.3	3766483	6.99E-08	2YrCancerDerived_Inh
1140	ALL	362774.3	3766708	6.99E-08	2YrCancerDerived_Inh
1309	ALL	362899.3	3766808	6.99E-08	2YrCancerDerived_Inh
568	ALL	363499.3	3766333	6.98E-08	2YrCancerDerived_Inh
1182	ALL	362799.3	3766733	6.97E-08	2YrCancerDerived_Inh
973	ALL	362699.3	3766608	6.97E-08	2YrCancerDerived_Inh
145	ALL	363174.3	3766083	6.97E-08	2YrCancerDerived_Inh
1098	ALL	362749.3	3766683	6.96E-08	2YrCancerDerived_Inh
815	ALL	362674.3	3766508	6.95E-08	2YrCancerDerived_Inh
275	ALL	363349.3	3766158	6.94E-08	2YrCancerDerived_Inh
334	ALL	362774.3	3766208	6.94E-08	2YrCancerDerived_Inh
658	ALL	362674.3	3766408	6.92E-08	2YrCancerDerived_Inh
139	ALL	363024.3	3766083	6.91E-08	2YrCancerDerived_Inh
294	ALL	362799.3	3766183	6.89E-08	2YrCancerDerived_Inh
374	ALL	362749.3	3766233	6.89E-08	2YrCancerDerived_Inh
215	ALL	362874.3	3766133	6.88E-08	2YrCancerDerived_Inh
1224	ALL	362824.3	3766758	6.87E-08	2YrCancerDerived_Inh
853	ALL	362674.3	3766533	6.83E-08	2YrCancerDerived_Inh
1523	ALL	363124.3	3766933	6.82E-08	2YrCancerDerived_Inh
176	ALL	362924.3	3766108	6.82E-08	2YrCancerDerived_Inh
485	ALL	363474.3	3766283	6.82E-08	2YrCancerDerived_Inh
1608	ALL	363199.3	3766983	6.81E-08	2YrCancerDerived_Inh
495	ALL	362699.3	3766308	6.81E-08	2YrCancerDerived_Inh
146	ALL	363199.3	3766083	6.80E-08	2YrCancerDerived_Inh
617	ALL	362674.3	3766383	6.80E-08	2YrCancerDerived_Inh
190	ALL	363274.3	3766108	6.77E-08	2YrCancerDerived_Inh
138	ALL	362999.3	3766083	6.75E-08	2YrCancerDerived_Inh
254	ALL	362824.3	3766158	6.75E-08	2YrCancerDerived_Inh
414	ALL	362724.3	3766258	6.74E-08	2YrCancerDerived_Inh
233	ALL	363324.3	3766133	6.70E-08	2YrCancerDerived_Inh
1266	ALL	362849.3	3766783	6.69E-08	2YrCancerDerived_Inh
1014	ALL	362699.3	3766633	6.68E-08	2YrCancerDerived_Inh
693	ALL	363549.3	3766408	6.68E-08	2YrCancerDerived_Inh
891	ALL	362674.3	3766558	6.68E-08	2YrCancerDerived_Inh
1480	ALL	363074.3	3766908	6.67E-08	2YrCancerDerived_Inh
576	ALL	362674.3	3766358	6.63E-08	2YrCancerDerived_Inh
1394	ALL	362974.3	3766858	6.63E-08	2YrCancerDerived_Inh
1437	ALL	363024.3	3766883	6.62E-08	2YrCancerDerived_Inh
610	ALL	363524.3	3766358	6.60E-08	2YrCancerDerived_Inh
147	ALL	363224.3	3766083	6.59E-08	2YrCancerDerived_Inh
1351	ALL	362924.3	3766833	6.59E-08	2YrCancerDerived_Inh
137	ALL	362974.3	3766083	6.56E-08	2YrCancerDerived_Inh
1650	ALL	363224.3	3767008	6.55E-08	2YrCancerDerived_Inh

527	ALL	363499.3	3766308	6.53E-08	2YrCancerDerived_Inh
175	ALL	362899.3	3766108	6.53E-08	2YrCancerDerived_Inh
214	ALL	362849.3	3766133	6.52E-08	2YrCancerDerived_Inh
360	ALL	363424.3	3766208	6.52E-08	2YrCancerDerived_Inh
454	ALL	362699.3	3766283	6.51E-08	2YrCancerDerived_Inh
318	ALL	363399.3	3766183	6.50E-08	2YrCancerDerived_Inh
1565	ALL	363149.3	3766958	6.49E-08	2YrCancerDerived_Inh
931	ALL	362674.3	3766583	6.48E-08	2YrCancerDerived_Inh
402	ALL	363449.3	3766233	6.46E-08	2YrCancerDerived_Inh
1308	ALL	362874.3	3766808	6.44E-08	2YrCancerDerived_Inh
535	ALL	362674.3	3766333	6.43E-08	2YrCancerDerived_Inh
333	ALL	362749.3	3766208	6.43E-08	2YrCancerDerived_Inh
293	ALL	362774.3	3766183	6.43E-08	2YrCancerDerived_Inh
734	ALL	363574.3	3766433	6.42E-08	2YrCancerDerived_Inh
276	ALL	363374.3	3766158	6.41E-08	2YrCancerDerived_Inh
191	ALL	363299.3	3766108	6.40E-08	2YrCancerDerived_Inh
136	ALL	362949.3	3766083	6.36E-08	2YrCancerDerived_Inh
373	ALL	362724.3	3766233	6.35E-08	2YrCancerDerived_Inh
101	ALL	363099.3	3766058	6.34E-08	2YrCancerDerived_Inh
253	ALL	362799.3	3766158	6.34E-08	2YrCancerDerived_Inh
148	ALL	363249.3	3766083	6.33E-08	2YrCancerDerived_Inh
1139	ALL	362749.3	3766708	6.32E-08	2YrCancerDerived_Inh
102	ALL	363124.3	3766058	6.32E-08	2YrCancerDerived_Inh
738	ALL	362649.3	3766458	6.32E-08	2YrCancerDerived_Inh
1181	ALL	362774.3	3766733	6.32E-08	2YrCancerDerived_Inh
100	ALL	363074.3	3766058	6.32E-08	2YrCancerDerived_Inh
444	ALL	363474.3	3766258	6.31E-08	2YrCancerDerived_Inh
698	ALL	362649.3	3766433	6.30E-08	2YrCancerDerived_Inh
777	ALL	362649.3	3766483	6.30E-08	2YrCancerDerived_Inh
1522	ALL	363099.3	3766933	6.30E-08	2YrCancerDerived_Inh
1055	ALL	362699.3	3766658	6.29E-08	2YrCancerDerived_Inh
1223	ALL	362799.3	3766758	6.29E-08	2YrCancerDerived_Inh
103	ALL	363149.3	3766058	6.27E-08	2YrCancerDerived_Inh
774	ALL	363599.3	3766458	6.26E-08	2YrCancerDerived_Inh
972	ALL	362674.3	3766608	6.26E-08	2YrCancerDerived_Inh
1097	ALL	362724.3	3766683	6.26E-08	2YrCancerDerived_Inh
99	ALL	363049.3	3766058	6.26E-08	2YrCancerDerived_Inh
234	ALL	363349.3	3766133	6.25E-08	2YrCancerDerived_Inh
657	ALL	362649.3	3766408	6.24E-08	2YrCancerDerived_Inh
652	ALL	363549.3	3766383	6.24E-08	2YrCancerDerived_Inh
814	ALL	362649.3	3766508	6.24E-08	2YrCancerDerived_Inh
174	ALL	362874.3	3766108	6.23E-08	2YrCancerDerived_Inh
1607	ALL	363174.3	3766983	6.21E-08	2YrCancerDerived_Inh
494	ALL	362674.3	3766308	6.20E-08	2YrCancerDerived_Inh
569	ALL	363524.3	3766333	6.20E-08	2YrCancerDerived_Inh
812	ALL	363624.3	3766483	6.20E-08	2YrCancerDerived_Inh
851	ALL	363649.3	3766508	6.20E-08	2YrCancerDerived_Inh
1479	ALL	363049.3	3766908	6.20E-08	2YrCancerDerived_Inh
1436	ALL	362999.3	3766883	6.19E-08	2YrCancerDerived_Inh
413	ALL	362699.3	3766258	6.19E-08	2YrCancerDerived_Inh
1393	ALL	362949.3	3766858	6.19E-08	2YrCancerDerived_Inh
104	ALL	363174.3	3766058	6.18E-08	2YrCancerDerived_Inh
213	ALL	362824.3	3766133	6.17E-08	2YrCancerDerived_Inh
98	ALL	363024.3	3766058	6.16E-08	2YrCancerDerived_Inh
616	ALL	362649.3	3766383	6.15E-08	2YrCancerDerived_Inh
1265	ALL	362824.3	3766783	6.14E-08	2YrCancerDerived_Inh
852	ALL	362649.3	3766533	6.14E-08	2YrCancerDerived_Inh
135	ALL	362924.3	3766083	6.13E-08	2YrCancerDerived_Inh
1350	ALL	362899.3	3766833	6.11E-08	2YrCancerDerived_Inh
486	ALL	363499.3	3766283	6.10E-08	2YrCancerDerived_Inh
149	ALL	363274.3	3766083	6.05E-08	2YrCancerDerived_Inh
105	ALL	363199.3	3766058	6.05E-08	2YrCancerDerived_Inh
97	ALL	362999.3	3766058	6.04E-08	2YrCancerDerived_Inh
1013	ALL	362674.3	3766633	6.02E-08	2YrCancerDerived_Inh
192	ALL	363324.3	3766108	6.02E-08	2YrCancerDerived_Inh
575	ALL	362649.3	3766358	6.02E-08	2YrCancerDerived_Inh
890	ALL	362649.3	3766558	6.00E-08	2YrCancerDerived_Inh
292	ALL	362749.3	3766183	5.99E-08	2YrCancerDerived_Inh
1649	ALL	363199.3	3767008	5.97E-08	2YrCancerDerived_Inh
1564	ALL	363124.3	3766958	5.97E-08	2YrCancerDerived_Inh
332	ALL	362724.3	3766208	5.96E-08	2YrCancerDerived_Inh
453	ALL	362674.3	3766283	5.96E-08	2YrCancerDerived_Inh
319	ALL	363424.3	3766183	5.95E-08	2YrCancerDerived_Inh
252	ALL	362774.3	3766158	5.94E-08	2YrCancerDerived_Inh
1307	ALL	362849.3	3766808	5.94E-08	2YrCancerDerived_Inh
173	ALL	362849.3	3766108	5.94E-08	2YrCancerDerived_Inh
694	ALL	363574.3	3766408	5.94E-08	2YrCancerDerived_Inh
361	ALL	363449.3	3766208	5.93E-08	2YrCancerDerived_Inh
277	ALL	363399.3	3766158	5.91E-08	2YrCancerDerived_Inh
134	ALL	362899.3	3766083	5.90E-08	2YrCancerDerived_Inh
96	ALL	362974.3	3766058	5.89E-08	2YrCancerDerived_Inh

106	ALL	363224.3	3766058	5.87E-08	2YrCancerDerived_Inh
611	ALL	363549.3	3766358	5.87E-08	2YrCancerDerived_Inh
372	ALL	362699.3	3766233	5.86E-08	2YrCancerDerived_Inh
534	ALL	362649.3	3766333	5.86E-08	2YrCancerDerived_Inh
930	ALL	362649.3	3766583	5.84E-08	2YrCancerDerived_Inh
1521	ALL	363074.3	3766933	5.84E-08	2YrCancerDerived_Inh
403	ALL	363474.3	3766233	5.84E-08	2YrCancerDerived_Inh
528	ALL	363524.3	3766308	5.84E-08	2YrCancerDerived_Inh
212	ALL	362799.3	3766133	5.83E-08	2YrCancerDerived_Inh
235	ALL	363374.3	3766133	5.80E-08	2YrCancerDerived_Inh
1435	ALL	362974.3	3766883	5.79E-08	2YrCancerDerived_Inh
1478	ALL	363024.3	3766908	5.79E-08	2YrCancerDerived_Inh
1392	ALL	362924.3	3766858	5.77E-08	2YrCancerDerived_Inh
1180	ALL	362749.3	3766733	5.75E-08	2YrCancerDerived_Inh
150	ALL	363299.3	3766083	5.74E-08	2YrCancerDerived_Inh
1138	ALL	362724.3	3766708	5.73E-08	2YrCancerDerived_Inh
95	ALL	362949.3	3766058	5.72E-08	2YrCancerDerived_Inh
735	ALL	363599.3	3766433	5.72E-08	2YrCancerDerived_Inh
1222	ALL	362774.3	3766758	5.71E-08	2YrCancerDerived_Inh
1606	ALL	363149.3	3766983	5.70E-08	2YrCancerDerived_Inh
412	ALL	362674.3	3766258	5.69E-08	2YrCancerDerived_Inh
445	ALL	363499.3	3766258	5.69E-08	2YrCancerDerived_Inh
1349	ALL	362874.3	3766833	5.68E-08	2YrCancerDerived_Inh
493	ALL	362649.3	3766308	5.67E-08	2YrCancerDerived_Inh
107	ALL	363249.3	3766058	5.67E-08	2YrCancerDerived_Inh
133	ALL	362874.3	3766083	5.66E-08	2YrCancerDerived_Inh
60	ALL	363099.3	3766033	5.66E-08	2YrCancerDerived_Inh
971	ALL	362649.3	3766608	5.66E-08	2YrCancerDerived_Inh
172	ALL	362824.3	3766108	5.65E-08	2YrCancerDerived_Inh
59	ALL	363074.3	3766033	5.65E-08	2YrCancerDerived_Inh
61	ALL	363124.3	3766033	5.64E-08	2YrCancerDerived_Inh
193	ALL	363349.3	3766108	5.64E-08	2YrCancerDerived_Inh
1096	ALL	362699.3	3766683	5.64E-08	2YrCancerDerived_Inh
1264	ALL	362799.3	3766783	5.64E-08	2YrCancerDerived_Inh
58	ALL	363049.3	3766033	5.60E-08	2YrCancerDerived_Inh
62	ALL	363149.3	3766033	5.60E-08	2YrCancerDerived_Inh
1054	ALL	362674.3	3766658	5.59E-08	2YrCancerDerived_Inh
775	ALL	363624.3	3766458	5.59E-08	2YrCancerDerived_Inh
291	ALL	362724.3	3766183	5.59E-08	2YrCancerDerived_Inh
251	ALL	362749.3	3766158	5.57E-08	2YrCancerDerived_Inh
653	ALL	363574.3	3766383	5.56E-08	2YrCancerDerived_Inh
570	ALL	363549.3	3766333	5.54E-08	2YrCancerDerived_Inh
94	ALL	362924.3	3766058	5.54E-08	2YrCancerDerived_Inh
813	ALL	363649.3	3766483	5.53E-08	2YrCancerDerived_Inh
331	ALL	362699.3	3766208	5.53E-08	2YrCancerDerived_Inh
1563	ALL	363099.3	3766958	5.53E-08	2YrCancerDerived_Inh
57	ALL	363024.3	3766033	5.53E-08	2YrCancerDerived_Inh
63	ALL	363174.3	3766033	5.52E-08	2YrCancerDerived_Inh
211	ALL	362774.3	3766133	5.50E-08	2YrCancerDerived_Inh
487	ALL	363524.3	3766283	5.48E-08	2YrCancerDerived_Inh
1306	ALL	362824.3	3766808	5.48E-08	2YrCancerDerived_Inh
1648	ALL	363174.3	3767008	5.47E-08	2YrCancerDerived_Inh
452	ALL	362649.3	3766283	5.47E-08	2YrCancerDerived_Inh
1012	ALL	362649.3	3766633	5.46E-08	2YrCancerDerived_Inh
320	ALL	363449.3	3766183	5.45E-08	2YrCancerDerived_Inh
278	ALL	363424.3	3766158	5.45E-08	2YrCancerDerived_Inh
1520	ALL	363049.3	3766933	5.44E-08	2YrCancerDerived_Inh
108	ALL	363274.3	3766058	5.43E-08	2YrCancerDerived_Inh
151	ALL	363324.3	3766083	5.43E-08	2YrCancerDerived_Inh
1434	ALL	362949.3	3766883	5.43E-08	2YrCancerDerived_Inh
1477	ALL	362999.3	3766908	5.43E-08	2YrCancerDerived_Inh
56	ALL	362999.3	3766033	5.43E-08	2YrCancerDerived_Inh
132	ALL	362849.3	3766083	5.42E-08	2YrCancerDerived_Inh
371	ALL	362674.3	3766233	5.42E-08	2YrCancerDerived_Inh
64	ALL	363199.3	3766033	5.41E-08	2YrCancerDerived_Inh
362	ALL	363474.3	3766208	5.41E-08	2YrCancerDerived_Inh
1391	ALL	362899.3	3766858	5.40E-08	2YrCancerDerived_Inh
236	ALL	363399.3	3766133	5.39E-08	2YrCancerDerived_Inh
171	ALL	362799.3	3766108	5.36E-08	2YrCancerDerived_Inh
93	ALL	362899.3	3766058	5.35E-08	2YrCancerDerived_Inh
695	ALL	363599.3	3766408	5.31E-08	2YrCancerDerived_Inh
55	ALL	362974.3	3766033	5.31E-08	2YrCancerDerived_Inh
404	ALL	363499.3	3766233	5.30E-08	2YrCancerDerived_Inh
194	ALL	363374.3	3766108	5.27E-08	2YrCancerDerived_Inh
1348	ALL	362849.3	3766833	5.27E-08	2YrCancerDerived_Inh
65	ALL	363224.3	3766033	5.27E-08	2YrCancerDerived_Inh
1179	ALL	362724.3	3766733	5.27E-08	2YrCancerDerived_Inh
1605	ALL	363124.3	3766983	5.26E-08	2YrCancerDerived_Inh
612	ALL	363574.3	3766358	5.25E-08	2YrCancerDerived_Inh
411	ALL	362649.3	3766258	5.25E-08	2YrCancerDerived_Inh
1221	ALL	362749.3	3766758	5.24E-08	2YrCancerDerived_Inh

529	ALL	363549.3	3766308	5.24E-08	2YrCancerDerived_Inh
250	ALL	362724.3	3766158	5.23E-08	2YrCancerDerived_Inh
1137	ALL	362699.3	3766708	5.22E-08	2YrCancerDerived_Inh
290	ALL	362699.3	3766183	5.21E-08	2YrCancerDerived_Inh
1263	ALL	362774.3	3766783	5.19E-08	2YrCancerDerived_Inh
109	ALL	363299.3	3766058	5.18E-08	2YrCancerDerived_Inh
210	ALL	362749.3	3766133	5.18E-08	2YrCancerDerived_Inh
131	ALL	362824.3	3766083	5.18E-08	2YrCancerDerived_Inh
54	ALL	362949.3	3766033	5.17E-08	2YrCancerDerived_Inh
92	ALL	362874.3	3766058	5.16E-08	2YrCancerDerived_Inh
1562	ALL	363074.3	3766958	5.16E-08	2YrCancerDerived_Inh
446	ALL	363524.3	3766258	5.15E-08	2YrCancerDerived_Inh
330	ALL	362674.3	3766208	5.14E-08	2YrCancerDerived_Inh
736	ALL	363624.3	3766433	5.13E-08	2YrCancerDerived_Inh
152	ALL	363349.3	3766083	5.12E-08	2YrCancerDerived_Inh
1095	ALL	362674.3	3766683	5.11E-08	2YrCancerDerived_Inh
1476	ALL	362974.3	3766908	5.11E-08	2YrCancerDerived_Inh
66	ALL	363249.3	3766033	5.10E-08	2YrCancerDerived_Inh
1433	ALL	362924.3	3766883	5.10E-08	2YrCancerDerived_Inh
1519	ALL	363024.3	3766933	5.10E-08	2YrCancerDerived_Inh
19	ALL	363099.3	3766008	5.08E-08	2YrCancerDerived_Inh
170	ALL	362774.3	3766108	5.08E-08	2YrCancerDerived_Inh
18	ALL	363074.3	3766008	5.08E-08	2YrCancerDerived_Inh
20	ALL	363124.3	3766008	5.07E-08	2YrCancerDerived_Inh
1305	ALL	362799.3	3766808	5.06E-08	2YrCancerDerived_Inh
1647	ALL	363149.3	3767008	5.04E-08	2YrCancerDerived_Inh
1390	ALL	362874.3	3766858	5.04E-08	2YrCancerDerived_Inh
17	ALL	363049.3	3766008	5.04E-08	2YrCancerDerived_Inh
21	ALL	363149.3	3766008	5.03E-08	2YrCancerDerived_Inh
53	ALL	362924.3	3766033	5.03E-08	2YrCancerDerived_Inh
279	ALL	363449.3	3766158	5.02E-08	2YrCancerDerived_Inh
776	ALL	363649.3	3766458	5.02E-08	2YrCancerDerived_Inh
370	ALL	362649.3	3766233	5.02E-08	2YrCancerDerived_Inh
1053	ALL	362649.3	3766658	5.01E-08	2YrCancerDerived_Inh
321	ALL	363474.3	3766183	5.00E-08	2YrCancerDerived_Inh
654	ALL	363599.3	3766383	4.99E-08	2YrCancerDerived_Inh
237	ALL	363424.3	3766133	4.99E-08	2YrCancerDerived_Inh
16	ALL	363024.3	3766008	4.98E-08	2YrCancerDerived_Inh
571	ALL	363574.3	3766333	4.98E-08	2YrCancerDerived_Inh
22	ALL	363174.3	3766008	4.96E-08	2YrCancerDerived_Inh
91	ALL	362849.3	3766058	4.96E-08	2YrCancerDerived_Inh
488	ALL	363549.3	3766283	4.95E-08	2YrCancerDerived_Inh
130	ALL	362799.3	3766083	4.94E-08	2YrCancerDerived_Inh
363	ALL	363499.3	3766208	4.93E-08	2YrCancerDerived_Inh
195	ALL	363399.3	3766108	4.92E-08	2YrCancerDerived_Inh
110	ALL	363324.3	3766058	4.92E-08	2YrCancerDerived_Inh
67	ALL	363274.3	3766033	4.91E-08	2YrCancerDerived_Inh
15	ALL	362999.3	3766008	4.91E-08	2YrCancerDerived_Inh
249	ALL	362699.3	3766158	4.90E-08	2YrCancerDerived_Inh
1347	ALL	362824.3	3766833	4.89E-08	2YrCancerDerived_Inh
1604	ALL	363099.3	3766983	4.89E-08	2YrCancerDerived_Inh
209	ALL	362724.3	3766133	4.88E-08	2YrCancerDerived_Inh
52	ALL	362899.3	3766033	4.88E-08	2YrCancerDerived_Inh
23	ALL	363199.3	3766008	4.87E-08	2YrCancerDerived_Inh
289	ALL	362674.3	3766183	4.87E-08	2YrCancerDerived_Inh
1220	ALL	362724.3	3766758	4.83E-08	2YrCancerDerived_Inh
1178	ALL	362699.3	3766733	4.83E-08	2YrCancerDerived_Inh
1561	ALL	363049.3	3766958	4.82E-08	2YrCancerDerived_Inh
405	ALL	363524.3	3766233	4.82E-08	2YrCancerDerived_Inh
169	ALL	362749.3	3766108	4.81E-08	2YrCancerDerived_Inh
14	ALL	362974.3	3766008	4.81E-08	2YrCancerDerived_Inh
153	ALL	363374.3	3766083	4.81E-08	2YrCancerDerived_Inh
1475	ALL	362949.3	3766908	4.81E-08	2YrCancerDerived_Inh
1518	ALL	362999.3	3766933	4.80E-08	2YrCancerDerived_Inh
1432	ALL	362899.3	3766883	4.79E-08	2YrCancerDerived_Inh
329	ALL	362649.3	3766208	4.78E-08	2YrCancerDerived_Inh
696	ALL	363624.3	3766408	4.78E-08	2YrCancerDerived_Inh
1262	ALL	362749.3	3766783	4.77E-08	2YrCancerDerived_Inh
1136	ALL	362674.3	3766708	4.76E-08	2YrCancerDerived_Inh
90	ALL	362824.3	3766058	4.76E-08	2YrCancerDerived_Inh
24	ALL	363224.3	3766008	4.75E-08	2YrCancerDerived_Inh
613	ALL	363599.3	3766358	4.73E-08	2YrCancerDerived_Inh
530	ALL	363574.3	3766308	4.73E-08	2YrCancerDerived_Inh
51	ALL	362874.3	3766033	4.71E-08	2YrCancerDerived_Inh
1389	ALL	362849.3	3766858	4.71E-08	2YrCancerDerived_Inh
129	ALL	362774.3	3766083	4.70E-08	2YrCancerDerived_Inh
13	ALL	362949.3	3766008	4.70E-08	2YrCancerDerived_Inh
68	ALL	363299.3	3766033	4.70E-08	2YrCancerDerived_Inh
1304	ALL	362774.3	3766808	4.68E-08	2YrCancerDerived_Inh
1646	ALL	363124.3	3767008	4.67E-08	2YrCancerDerived_Inh
447	ALL	363549.3	3766258	4.67E-08	2YrCancerDerived_Inh

111	ALL	363349.3	3766058	4.66E-08	2YrCancerDerived_Inh
1094	ALL	362649.3	3766683	4.65E-08	2YrCancerDerived_Inh
280	ALL	363474.3	3766158	4.63E-08	2YrCancerDerived_Inh
238	ALL	363449.3	3766133	4.63E-08	2YrCancerDerived_Inh
737	ALL	363649.3	3766433	4.63E-08	2YrCancerDerived_Inh
25	ALL	363249.3	3766008	4.61E-08	2YrCancerDerived_Inh
208	ALL	362699.3	3766133	4.60E-08	2YrCancerDerived_Inh
248	ALL	362674.3	3766158	4.60E-08	2YrCancerDerived_Inh
322	ALL	363499.3	3766183	4.59E-08	2YrCancerDerived_Inh
196	ALL	363424.3	3766108	4.59E-08	2YrCancerDerived_Inh
12	ALL	362924.3	3766008	4.58E-08	2YrCancerDerived_Inh
1603	ALL	363074.3	3766983	4.58E-08	2YrCancerDerived_Inh
168	ALL	362724.3	3766108	4.56E-08	2YrCancerDerived_Inh
89	ALL	362799.3	3766058	4.56E-08	2YrCancerDerived_Inh
50	ALL	362849.3	3766033	4.55E-08	2YrCancerDerived_Inh
288	ALL	362649.3	3766183	4.55E-08	2YrCancerDerived_Inh
1346	ALL	362799.3	3766833	4.54E-08	2YrCancerDerived_Inh
1517	ALL	362974.3	3766933	4.54E-08	2YrCancerDerived_Inh
1474	ALL	362924.3	3766908	4.53E-08	2YrCancerDerived_Inh
1560	ALL	363024.3	3766958	4.53E-08	2YrCancerDerived_Inh
364	ALL	363524.3	3766208	4.51E-08	2YrCancerDerived_Inh
154	ALL	363399.3	3766083	4.51E-08	2YrCancerDerived_Inh
655	ALL	363624.3	3766383	4.51E-08	2YrCancerDerived_Inh
572	ALL	363599.3	3766333	4.50E-08	2YrCancerDerived_Inh
1431	ALL	362874.3	3766883	4.50E-08	2YrCancerDerived_Inh
489	ALL	363574.3	3766283	4.49E-08	2YrCancerDerived_Inh
69	ALL	363324.3	3766033	4.48E-08	2YrCancerDerived_Inh
128	ALL	362749.3	3766083	4.48E-08	2YrCancerDerived_Inh
11	ALL	362899.3	3766008	4.46E-08	2YrCancerDerived_Inh
1219	ALL	362699.3	3766758	4.45E-08	2YrCancerDerived_Inh
26	ALL	363274.3	3766008	4.45E-08	2YrCancerDerived_Inh
1177	ALL	362674.3	3766733	4.43E-08	2YrCancerDerived_Inh
1261	ALL	362724.3	3766783	4.42E-08	2YrCancerDerived_Inh
112	ALL	363374.3	3766058	4.40E-08	2YrCancerDerived_Inh
406	ALL	363549.3	3766233	4.40E-08	2YrCancerDerived_Inh
1388	ALL	362824.3	3766858	4.39E-08	2YrCancerDerived_Inh
49	ALL	362824.3	3766033	4.38E-08	2YrCancerDerived_Inh
1645	ALL	363099.3	3767008	4.37E-08	2YrCancerDerived_Inh
1135	ALL	362649.3	3766708	4.36E-08	2YrCancerDerived_Inh
88	ALL	362774.3	3766058	4.36E-08	2YrCancerDerived_Inh
1303	ALL	362749.3	3766808	4.34E-08	2YrCancerDerived_Inh
207	ALL	362674.3	3766133	4.33E-08	2YrCancerDerived_Inh
697	ALL	363649.3	3766408	4.33E-08	2YrCancerDerived_Inh
10	ALL	362874.3	3766008	4.32E-08	2YrCancerDerived_Inh
247	ALL	362649.3	3766158	4.31E-08	2YrCancerDerived_Inh
167	ALL	362699.3	3766108	4.31E-08	2YrCancerDerived_Inh
1602	ALL	363049.3	3766983	4.31E-08	2YrCancerDerived_Inh
239	ALL	363474.3	3766133	4.29E-08	2YrCancerDerived_Inh
1516	ALL	362949.3	3766933	4.29E-08	2YrCancerDerived_Inh
531	ALL	363599.3	3766308	4.29E-08	2YrCancerDerived_Inh
614	ALL	363624.3	3766358	4.28E-08	2YrCancerDerived_Inh
27	ALL	363299.3	3766008	4.28E-08	2YrCancerDerived_Inh
281	ALL	363499.3	3766158	4.28E-08	2YrCancerDerived_Inh
1559	ALL	362999.3	3766958	4.28E-08	2YrCancerDerived_Inh
197	ALL	363449.3	3766108	4.28E-08	2YrCancerDerived_Inh
1473	ALL	362899.3	3766908	4.27E-08	2YrCancerDerived_Inh
70	ALL	363349.3	3766033	4.26E-08	2YrCancerDerived_Inh
127	ALL	362724.3	3766083	4.26E-08	2YrCancerDerived_Inh
448	ALL	363574.3	3766258	4.25E-08	2YrCancerDerived_Inh
1430	ALL	362849.3	3766883	4.23E-08	2YrCancerDerived_Inh
155	ALL	363424.3	3766083	4.23E-08	2YrCancerDerived_Inh
323	ALL	363524.3	3766183	4.22E-08	2YrCancerDerived_Inh
1345	ALL	362774.3	3766833	4.22E-08	2YrCancerDerived_Inh
48	ALL	362799.3	3766033	4.21E-08	2YrCancerDerived_Inh
9	ALL	362849.3	3766008	4.18E-08	2YrCancerDerived_Inh
87	ALL	362749.3	3766058	4.16E-08	2YrCancerDerived_Inh
113	ALL	363399.3	3766058	4.15E-08	2YrCancerDerived_Inh
365	ALL	363549.3	3766208	4.14E-08	2YrCancerDerived_Inh
1218	ALL	362674.3	3766758	4.11E-08	2YrCancerDerived_Inh
1644	ALL	363074.3	3767008	4.11E-08	2YrCancerDerived_Inh
1387	ALL	362799.3	3766858	4.10E-08	2YrCancerDerived_Inh
28	ALL	363324.3	3766008	4.10E-08	2YrCancerDerived_Inh
1260	ALL	362699.3	3766783	4.09E-08	2YrCancerDerived_Inh
656	ALL	363649.3	3766383	4.09E-08	2YrCancerDerived_Inh
206	ALL	362649.3	3766133	4.08E-08	2YrCancerDerived_Inh
573	ALL	363624.3	3766333	4.08E-08	2YrCancerDerived_Inh
1176	ALL	362649.3	3766733	4.08E-08	2YrCancerDerived_Inh
490	ALL	363599.3	3766283	4.08E-08	2YrCancerDerived_Inh
166	ALL	362674.3	3766108	4.08E-08	2YrCancerDerived_Inh
1601	ALL	363024.3	3766983	4.06E-08	2YrCancerDerived_Inh
1558	ALL	362974.3	3766958	4.05E-08	2YrCancerDerived_Inh

1515	ALL	362924.3	3766933	4.05E-08	2YrCancerDerived_Inh
8	ALL	362824.3	3766008	4.04E-08	2YrCancerDerived_Inh
126	ALL	362699.3	3766083	4.04E-08	2YrCancerDerived_Inh
47	ALL	362774.3	3766033	4.04E-08	2YrCancerDerived_Inh
71	ALL	363374.3	3766033	4.04E-08	2YrCancerDerived_Inh
1302	ALL	362724.3	3766808	4.04E-08	2YrCancerDerived_Inh
1472	ALL	362874.3	3766908	4.03E-08	2YrCancerDerived_Inh
407	ALL	363574.3	3766233	4.02E-08	2YrCancerDerived_Inh
198	ALL	363474.3	3766108	3.99E-08	2YrCancerDerived_Inh
240	ALL	363499.3	3766133	3.98E-08	2YrCancerDerived_Inh
86	ALL	362724.3	3766058	3.97E-08	2YrCancerDerived_Inh
1429	ALL	362824.3	3766883	3.97E-08	2YrCancerDerived_Inh
156	ALL	363449.3	3766083	3.96E-08	2YrCancerDerived_Inh
282	ALL	363524.3	3766158	3.95E-08	2YrCancerDerived_Inh
1344	ALL	362749.3	3766833	3.94E-08	2YrCancerDerived_Inh
29	ALL	363349.3	3766008	3.91E-08	2YrCancerDerived_Inh
114	ALL	363424.3	3766058	3.90E-08	2YrCancerDerived_Inh
532	ALL	363624.3	3766308	3.90E-08	2YrCancerDerived_Inh
7	ALL	362799.3	3766008	3.90E-08	2YrCancerDerived_Inh
324	ALL	363549.3	3766183	3.89E-08	2YrCancerDerived_Inh
615	ALL	363649.3	3766358	3.89E-08	2YrCancerDerived_Inh
449	ALL	363599.3	3766258	3.88E-08	2YrCancerDerived_Inh
1643	ALL	363049.3	3767008	3.88E-08	2YrCancerDerived_Inh
46	ALL	362749.3	3766033	3.88E-08	2YrCancerDerived_Inh
165	ALL	362649.3	3766108	3.86E-08	2YrCancerDerived_Inh
1557	ALL	362949.3	3766958	3.85E-08	2YrCancerDerived_Inh
1600	ALL	362999.3	3766983	3.85E-08	2YrCancerDerived_Inh
125	ALL	362674.3	3766083	3.84E-08	2YrCancerDerived_Inh
1514	ALL	362899.3	3766933	3.84E-08	2YrCancerDerived_Inh
1386	ALL	362774.3	3766858	3.83E-08	2YrCancerDerived_Inh
72	ALL	363399.3	3766033	3.82E-08	2YrCancerDerived_Inh
1471	ALL	362849.3	3766908	3.82E-08	2YrCancerDerived_Inh
1217	ALL	362649.3	3766758	3.81E-08	2YrCancerDerived_Inh
366	ALL	363574.3	3766208	3.80E-08	2YrCancerDerived_Inh
1259	ALL	362674.3	3766783	3.80E-08	2YrCancerDerived_Inh
85	ALL	362699.3	3766058	3.79E-08	2YrCancerDerived_Inh
1301	ALL	362699.3	3766808	3.76E-08	2YrCancerDerived_Inh
6	ALL	362774.3	3766008	3.76E-08	2YrCancerDerived_Inh
491	ALL	363624.3	3766283	3.73E-08	2YrCancerDerived_Inh
574	ALL	363649.3	3766333	3.72E-08	2YrCancerDerived_Inh
1428	ALL	362799.3	3766883	3.72E-08	2YrCancerDerived_Inh
30	ALL	363374.3	3766008	3.72E-08	2YrCancerDerived_Inh
199	ALL	363499.3	3766108	3.72E-08	2YrCancerDerived_Inh
45	ALL	362724.3	3766033	3.71E-08	2YrCancerDerived_Inh
157	ALL	363474.3	3766083	3.70E-08	2YrCancerDerived_Inh
241	ALL	363524.3	3766133	3.70E-08	2YrCancerDerived_Inh
408	ALL	363599.3	3766233	3.69E-08	2YrCancerDerived_Inh
1343	ALL	362724.3	3766833	3.69E-08	2YrCancerDerived_Inh
115	ALL	363449.3	3766058	3.67E-08	2YrCancerDerived_Inh
1642	ALL	363024.3	3767008	3.66E-08	2YrCancerDerived_Inh
283	ALL	363549.3	3766158	3.66E-08	2YrCancerDerived_Inh
124	ALL	362649.3	3766083	3.65E-08	2YrCancerDerived_Inh
1599	ALL	362974.3	3766983	3.65E-08	2YrCancerDerived_Inh
1556	ALL	362924.3	3766958	3.65E-08	2YrCancerDerived_Inh
1513	ALL	362874.3	3766933	3.64E-08	2YrCancerDerived_Inh
84	ALL	362674.3	3766058	3.61E-08	2YrCancerDerived_Inh
5	ALL	362749.3	3766008	3.61E-08	2YrCancerDerived_Inh
73	ALL	363424.3	3766033	3.61E-08	2YrCancerDerived_Inh
1470	ALL	362824.3	3766908	3.61E-08	2YrCancerDerived_Inh
325	ALL	363574.3	3766183	3.59E-08	2YrCancerDerived_Inh
1385	ALL	362749.3	3766858	3.59E-08	2YrCancerDerived_Inh
533	ALL	363649.3	3766308	3.57E-08	2YrCancerDerived_Inh
450	ALL	363624.3	3766258	3.56E-08	2YrCancerDerived_Inh
44	ALL	362699.3	3766033	3.55E-08	2YrCancerDerived_Inh
31	ALL	363399.3	3766008	3.53E-08	2YrCancerDerived_Inh
1258	ALL	362649.3	3766783	3.53E-08	2YrCancerDerived_Inh
367	ALL	363599.3	3766208	3.51E-08	2YrCancerDerived_Inh
1300	ALL	362674.3	3766808	3.50E-08	2YrCancerDerived_Inh
1427	ALL	362774.3	3766883	3.50E-08	2YrCancerDerived_Inh
1641	ALL	362999.3	3767008	3.48E-08	2YrCancerDerived_Inh
4	ALL	362724.3	3766008	3.47E-08	2YrCancerDerived_Inh
158	ALL	363499.3	3766083	3.47E-08	2YrCancerDerived_Inh
200	ALL	363524.3	3766108	3.47E-08	2YrCancerDerived_Inh
1555	ALL	362899.3	3766958	3.47E-08	2YrCancerDerived_Inh
1598	ALL	362949.3	3766983	3.47E-08	2YrCancerDerived_Inh
1512	ALL	362849.3	3766933	3.46E-08	2YrCancerDerived_Inh
1342	ALL	362699.3	3766833	3.45E-08	2YrCancerDerived_Inh
116	ALL	363474.3	3766058	3.45E-08	2YrCancerDerived_Inh
83	ALL	362649.3	3766058	3.44E-08	2YrCancerDerived_Inh
242	ALL	363549.3	3766133	3.44E-08	2YrCancerDerived_Inh
492	ALL	363649.3	3766283	3.42E-08	2YrCancerDerived_Inh

74	ALL	363449.3	3766033	3.41E-08	2YrCancerDerived_Inh
1469	ALL	362799.3	3766908	3.40E-08	2YrCancerDerived_Inh
43	ALL	362674.3	3766033	3.40E-08	2YrCancerDerived_Inh
409	ALL	363624.3	3766233	3.40E-08	2YrCancerDerived_Inh
284	ALL	363574.3	3766158	3.39E-08	2YrCancerDerived_Inh
1384	ALL	362724.3	3766858	3.39E-08	2YrCancerDerived_Inh
32	ALL	363424.3	3766008	3.35E-08	2YrCancerDerived_Inh
3	ALL	362699.3	3766008	3.33E-08	2YrCancerDerived_Inh
326	ALL	363599.3	3766183	3.33E-08	2YrCancerDerived_Inh
1640	ALL	362974.3	3767008	3.30E-08	2YrCancerDerived_Inh
1554	ALL	362874.3	3766958	3.30E-08	2YrCancerDerived_Inh
1426	ALL	362749.3	3766883	3.30E-08	2YrCancerDerived_Inh
1597	ALL	362924.3	3766983	3.30E-08	2YrCancerDerived_Inh
1511	ALL	362824.3	3766933	3.28E-08	2YrCancerDerived_Inh
451	ALL	363649.3	3766258	3.27E-08	2YrCancerDerived_Inh
1299	ALL	362649.3	3766808	3.27E-08	2YrCancerDerived_Inh
42	ALL	362649.3	3766033	3.25E-08	2YrCancerDerived_Inh
159	ALL	363524.3	3766083	3.25E-08	2YrCancerDerived_Inh
117	ALL	363499.3	3766058	3.24E-08	2YrCancerDerived_Inh
368	ALL	363624.3	3766208	3.24E-08	2YrCancerDerived_Inh
201	ALL	363549.3	3766108	3.24E-08	2YrCancerDerived_Inh
1341	ALL	362674.3	3766833	3.23E-08	2YrCancerDerived_Inh
75	ALL	363474.3	3766033	3.21E-08	2YrCancerDerived_Inh
1468	ALL	362774.3	3766908	3.21E-08	2YrCancerDerived_Inh
243	ALL	363574.3	3766133	3.20E-08	2YrCancerDerived_Inh
2	ALL	362674.3	3766008	3.20E-08	2YrCancerDerived_Inh
1383	ALL	362699.3	3766858	3.19E-08	2YrCancerDerived_Inh
33	ALL	363449.3	3766008	3.17E-08	2YrCancerDerived_Inh
285	ALL	363599.3	3766158	3.15E-08	2YrCancerDerived_Inh
1596	ALL	362899.3	3766983	3.14E-08	2YrCancerDerived_Inh
1553	ALL	362849.3	3766958	3.14E-08	2YrCancerDerived_Inh
1639	ALL	362949.3	3767008	3.14E-08	2YrCancerDerived_Inh
410	ALL	363649.3	3766233	3.13E-08	2YrCancerDerived_Inh
1425	ALL	362724.3	3766883	3.12E-08	2YrCancerDerived_Inh
1510	ALL	362799.3	3766933	3.11E-08	2YrCancerDerived_Inh
327	ALL	363624.3	3766183	3.08E-08	2YrCancerDerived_Inh
1	ALL	362649.3	3766008	3.07E-08	2YrCancerDerived_Inh
118	ALL	363524.3	3766058	3.05E-08	2YrCancerDerived_Inh
160	ALL	363549.3	3766083	3.04E-08	2YrCancerDerived_Inh
1467	ALL	362749.3	3766908	3.04E-08	2YrCancerDerived_Inh
76	ALL	363499.3	3766033	3.03E-08	2YrCancerDerived_Inh
1340	ALL	362649.3	3766833	3.03E-08	2YrCancerDerived_Inh
202	ALL	363574.3	3766108	3.02E-08	2YrCancerDerived_Inh
34	ALL	363474.3	3766008	3.00E-08	2YrCancerDerived_Inh
1595	ALL	362874.3	3766983	3.00E-08	2YrCancerDerived_Inh
369	ALL	363649.3	3766208	3.00E-08	2YrCancerDerived_Inh
1552	ALL	362824.3	3766958	2.99E-08	2YrCancerDerived_Inh
1638	ALL	362924.3	3767008	2.99E-08	2YrCancerDerived_Inh
1382	ALL	362674.3	3766858	2.99E-08	2YrCancerDerived_Inh
244	ALL	363599.3	3766133	2.99E-08	2YrCancerDerived_Inh
1509	ALL	362774.3	3766933	2.95E-08	2YrCancerDerived_Inh
1424	ALL	362699.3	3766883	2.94E-08	2YrCancerDerived_Inh
286	ALL	363624.3	3766158	2.93E-08	2YrCancerDerived_Inh
1466	ALL	362724.3	3766908	2.88E-08	2YrCancerDerived_Inh
119	ALL	363549.3	3766058	2.87E-08	2YrCancerDerived_Inh
328	ALL	363649.3	3766183	2.86E-08	2YrCancerDerived_Inh
1594	ALL	362849.3	3766983	2.86E-08	2YrCancerDerived_Inh
77	ALL	363524.3	3766033	2.86E-08	2YrCancerDerived_Inh
1637	ALL	362899.3	3767008	2.86E-08	2YrCancerDerived_Inh
161	ALL	363574.3	3766083	2.86E-08	2YrCancerDerived_Inh
1551	ALL	362799.3	3766958	2.85E-08	2YrCancerDerived_Inh
35	ALL	363499.3	3766008	2.84E-08	2YrCancerDerived_Inh
203	ALL	363599.3	3766108	2.83E-08	2YrCancerDerived_Inh
1508	ALL	362749.3	3766933	2.81E-08	2YrCancerDerived_Inh
1381	ALL	362649.3	3766858	2.80E-08	2YrCancerDerived_Inh
245	ALL	363624.3	3766133	2.79E-08	2YrCancerDerived_Inh
1423	ALL	362674.3	3766883	2.78E-08	2YrCancerDerived_Inh
1593	ALL	362824.3	3766983	2.73E-08	2YrCancerDerived_Inh
287	ALL	363649.3	3766158	2.73E-08	2YrCancerDerived_Inh
1465	ALL	362699.3	3766908	2.73E-08	2YrCancerDerived_Inh
1636	ALL	362874.3	3767008	2.73E-08	2YrCancerDerived_Inh
1550	ALL	362774.3	3766958	2.72E-08	2YrCancerDerived_Inh
78	ALL	363549.3	3766033	2.70E-08	2YrCancerDerived_Inh
120	ALL	363574.3	3766058	2.70E-08	2YrCancerDerived_Inh
36	ALL	363524.3	3766008	2.69E-08	2YrCancerDerived_Inh
162	ALL	363599.3	3766083	2.68E-08	2YrCancerDerived_Inh
1507	ALL	362724.3	3766933	2.67E-08	2YrCancerDerived_Inh
204	ALL	363624.3	3766108	2.65E-08	2YrCancerDerived_Inh
1592	ALL	362799.3	3766983	2.61E-08	2YrCancerDerived_Inh
1635	ALL	362849.3	3767008	2.61E-08	2YrCancerDerived_Inh
1422	ALL	362649.3	3766883	2.61E-08	2YrCancerDerived_Inh

246	ALL	363649.3	3766133	2.61E-08	2YrCancerDerived_Inh
1549	ALL	362749.3	3766958	2.59E-08	2YrCancerDerived_Inh
1464	ALL	362674.3	3766908	2.58E-08	2YrCancerDerived_Inh
79	ALL	363574.3	3766033	2.55E-08	2YrCancerDerived_Inh
37	ALL	363549.3	3766008	2.55E-08	2YrCancerDerived_Inh
121	ALL	363599.3	3766058	2.54E-08	2YrCancerDerived_Inh
1506	ALL	362699.3	3766933	2.53E-08	2YrCancerDerived_Inh
163	ALL	363624.3	3766083	2.52E-08	2YrCancerDerived_Inh
1634	ALL	362824.3	3767008	2.50E-08	2YrCancerDerived_Inh
1591	ALL	362774.3	3766983	2.50E-08	2YrCancerDerived_Inh
205	ALL	363649.3	3766108	2.49E-08	2YrCancerDerived_Inh
1548	ALL	362724.3	3766958	2.47E-08	2YrCancerDerived_Inh
1463	ALL	362649.3	3766908	2.44E-08	2YrCancerDerived_Inh
38	ALL	363574.3	3766008	2.41E-08	2YrCancerDerived_Inh
80	ALL	363599.3	3766033	2.41E-08	2YrCancerDerived_Inh
1505	ALL	362674.3	3766933	2.40E-08	2YrCancerDerived_Inh
1633	ALL	362799.3	3767008	2.40E-08	2YrCancerDerived_Inh
122	ALL	363624.3	3766058	2.40E-08	2YrCancerDerived_Inh
1590	ALL	362749.3	3766983	2.39E-08	2YrCancerDerived_Inh
164	ALL	363649.3	3766083	2.37E-08	2YrCancerDerived_Inh
1547	ALL	362699.3	3766958	2.35E-08	2YrCancerDerived_Inh
1632	ALL	362774.3	3767008	2.30E-08	2YrCancerDerived_Inh
1589	ALL	362724.3	3766983	2.29E-08	2YrCancerDerived_Inh
39	ALL	363599.3	3766008	2.28E-08	2YrCancerDerived_Inh
1504	ALL	362649.3	3766933	2.28E-08	2YrCancerDerived_Inh
81	ALL	363624.3	3766033	2.28E-08	2YrCancerDerived_Inh
123	ALL	363649.3	3766058	2.26E-08	2YrCancerDerived_Inh
1546	ALL	362674.3	3766958	2.24E-08	2YrCancerDerived_Inh
1631	ALL	362749.3	3767008	2.21E-08	2YrCancerDerived_Inh
1588	ALL	362699.3	3766983	2.18E-08	2YrCancerDerived_Inh
40	ALL	363624.3	3766008	2.17E-08	2YrCancerDerived_Inh
82	ALL	363649.3	3766033	2.15E-08	2YrCancerDerived_Inh
1545	ALL	362649.3	3766958	2.13E-08	2YrCancerDerived_Inh
1630	ALL	362724.3	3767008	2.12E-08	2YrCancerDerived_Inh
1587	ALL	362674.3	3766983	2.09E-08	2YrCancerDerived_Inh
41	ALL	363649.3	3766008	2.05E-08	2YrCancerDerived_Inh
1629	ALL	362699.3	3767008	2.03E-08	2YrCancerDerived_Inh
1586	ALL	362649.3	3766983	2.00E-08	2YrCancerDerived_Inh
1628	ALL	362674.3	3767008	1.95E-08	2YrCancerDerived_Inh
1627	ALL	362649.3	3767008	1.87E-08	2YrCancerDerived_Inh

*HARP - HRACalc v19044 10/5/2020 12:14:51 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_SCH\hra\SM_Wellness_School_UnmitHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
870	ALL		363099.3	3766533	NonCancerChronicDerived_Inh	1.93E-02
872	ALL		363224.3	3766533	NonCancerChronicDerived_Inh	1.86E-02
912	ALL		363224.3	3766558	NonCancerChronicDerived_Inh	1.76E-02
795	ALL		363099.3	3766483	NonCancerChronicDerived_Inh	1.72E-02
952	ALL		363199.3	3766583	NonCancerChronicDerived_Inh	1.70E-02
757	ALL		363124.3	3766458	NonCancerChronicDerived_Inh	1.59E-02
834	ALL		363224.3	3766508	NonCancerChronicDerived_Inh	1.37E-02
953	ALL		363224.3	3766583	NonCancerChronicDerived_Inh	1.36E-02
950	ALL		363149.3	3766583	NonCancerChronicDerived_Inh	1.34E-02
677	ALL		363162.3	3766444	NonCancerChronicDerived_Inh	1.10E-02
913	ALL		363249.3	3766558	NonCancerChronicDerived_Inh	1.10E-02
908	ALL		363099.3	3766558	NonCancerChronicDerived_Inh	1.06E-02
993	ALL		363199.3	3766608	NonCancerChronicDerived_Inh	1.01E-02
756	ALL		363099.3	3766458	NonCancerChronicDerived_Inh	1.01E-02
873	ALL		363249.3	3766533	NonCancerChronicDerived_Inh	1.00E-02
954	ALL		363249.3	3766583	NonCancerChronicDerived_Inh	9.95E-03
831	ALL		363074.3	3766508	NonCancerChronicDerived_Inh	9.88E-03
994	ALL		363224.3	3766608	NonCancerChronicDerived_Inh	9.52E-03
992	ALL		363174.3	3766608	NonCancerChronicDerived_Inh	8.92E-03
949	ALL		363124.3	3766583	NonCancerChronicDerived_Inh	8.74E-03
869	ALL		363074.3	3766533	NonCancerChronicDerived_Inh	8.68E-03
794	ALL		363074.3	3766483	NonCancerChronicDerived_Inh	8.50E-03
718	ALL		363149.3	3766433	NonCancerChronicDerived_Inh	8.19E-03
995	ALL		363249.3	3766608	NonCancerChronicDerived_Inh	8.03E-03
717	ALL		363124.3	3766433	NonCancerChronicDerived_Inh	7.50E-03
835	ALL		363249.3	3766508	NonCancerChronicDerived_Inh	7.17E-03
955	ALL		363274.3	3766583	NonCancerChronicDerived_Inh	7.07E-03
914	ALL		363274.3	3766558	NonCancerChronicDerived_Inh	7.03E-03
991	ALL		363149.3	3766608	NonCancerChronicDerived_Inh	6.65E-03
1035	ALL		363224.3	3766633	NonCancerChronicDerived_Inh	6.41E-03
996	ALL		363274.3	3766608	NonCancerChronicDerived_Inh	6.34E-03
755	ALL		363074.3	3766458	NonCancerChronicDerived_Inh	6.19E-03
907	ALL		363074.3	3766558	NonCancerChronicDerived_Inh	6.11E-03
1034	ALL		363199.3	3766633	NonCancerChronicDerived_Inh	6.09E-03
1036	ALL		363249.3	3766633	NonCancerChronicDerived_Inh	6.04E-03
874	ALL		363274.3	3766533	NonCancerChronicDerived_Inh	5.97E-03
948	ALL		363099.3	3766583	NonCancerChronicDerived_Inh	5.90E-03
716	ALL		363099.3	3766433	NonCancerChronicDerived_Inh	5.85E-03
1037	ALL		363274.3	3766633	NonCancerChronicDerived_Inh	5.26E-03
830	ALL		363049.3	3766508	NonCancerChronicDerived_Inh	5.18E-03
1033	ALL		363174.3	3766633	NonCancerChronicDerived_Inh	5.08E-03
719	ALL		363199.3	3766433	NonCancerChronicDerived_Inh	5.07E-03
759	ALL		363224.3	3766458	NonCancerChronicDerived_Inh	5.05E-03
956	ALL		363299.3	3766583	NonCancerChronicDerived_Inh	5.03E-03
997	ALL		363299.3	3766608	NonCancerChronicDerived_Inh	4.87E-03
793	ALL		363049.3	3766483	NonCancerChronicDerived_Inh	4.82E-03
990	ALL		363124.3	3766608	NonCancerChronicDerived_Inh	4.77E-03
868	ALL		363049.3	3766533	NonCancerChronicDerived_Inh	4.74E-03
915	ALL		363299.3	3766558	NonCancerChronicDerived_Inh	4.69E-03
797	ALL		363249.3	3766483	NonCancerChronicDerived_Inh	4.53E-03
1077	ALL		363249.3	3766658	NonCancerChronicDerived_Inh	4.39E-03
1038	ALL		363299.3	3766633	NonCancerChronicDerived_Inh	4.37E-03
1076	ALL		363224.3	3766658	NonCancerChronicDerived_Inh	4.32E-03
836	ALL		363274.3	3766508	NonCancerChronicDerived_Inh	4.28E-03
715	ALL		363074.3	3766433	NonCancerChronicDerived_Inh	4.26E-03
676	ALL		363124.3	3766408	NonCancerChronicDerived_Inh	4.16E-03
1078	ALL		363274.3	3766658	NonCancerChronicDerived_Inh	4.14E-03
947	ALL		363074.3	3766583	NonCancerChronicDerived_Inh	4.05E-03
754	ALL		363049.3	3766458	NonCancerChronicDerived_Inh	3.97E-03
678	ALL		363174.3	3766408	NonCancerChronicDerived_Inh	3.90E-03
1032	ALL		363149.3	3766633	NonCancerChronicDerived_Inh	3.89E-03
1075	ALL		363199.3	3766658	NonCancerChronicDerived_Inh	3.88E-03
875	ALL		363299.3	3766533	NonCancerChronicDerived_Inh	3.84E-03
906	ALL		363049.3	3766558	NonCancerChronicDerived_Inh	3.79E-03
998	ALL		363324.3	3766608	NonCancerChronicDerived_Inh	3.72E-03
1079	ALL		363299.3	3766658	NonCancerChronicDerived_Inh	3.70E-03
957	ALL		363324.3	3766583	NonCancerChronicDerived_Inh	3.65E-03
675	ALL		363099.3	3766408	NonCancerChronicDerived_Inh	3.60E-03
989	ALL		363099.3	3766608	NonCancerChronicDerived_Inh	3.57E-03
1039	ALL		363324.3	3766633	NonCancerChronicDerived_Inh	3.54E-03
720	ALL		363224.3	3766433	NonCancerChronicDerived_Inh	3.42E-03
916	ALL		363324.3	3766558	NonCancerChronicDerived_Inh	3.25E-03
1074	ALL		363174.3	3766658	NonCancerChronicDerived_Inh	3.19E-03
1118	ALL		363249.3	3766683	NonCancerChronicDerived_Inh	3.18E-03
1119	ALL		363274.3	3766683	NonCancerChronicDerived_Inh	3.18E-03
1080	ALL		363324.3	3766658	NonCancerChronicDerived_Inh	3.18E-03
829	ALL		363024.3	3766508	NonCancerChronicDerived_Inh	3.16E-03
679	ALL		363199.3	3766408	NonCancerChronicDerived_Inh	3.14E-03
760	ALL		363249.3	3766458	NonCancerChronicDerived_Inh	3.13E-03

714	ALL	363049.3	3766433	NonCancerChronicDerived_Inh	3.06E-03
792	ALL	363024.3	3766483	NonCancerChronicDerived_Inh	3.04E-03
1120	ALL	363299.3	3766683	NonCancerChronicDerived_Inh	3.01E-03
1117	ALL	363224.3	3766683	NonCancerChronicDerived_Inh	2.98E-03
1031	ALL	363124.3	3766633	NonCancerChronicDerived_Inh	2.96E-03
867	ALL	363024.3	3766533	NonCancerChronicDerived_Inh	2.96E-03
674	ALL	363074.3	3766408	NonCancerChronicDerived_Inh	2.92E-03
798	ALL	363274.3	3766483	NonCancerChronicDerived_Inh	2.88E-03
999	ALL	363349.3	3766608	NonCancerChronicDerived_Inh	2.86E-03
1040	ALL	363349.3	3766633	NonCancerChronicDerived_Inh	2.84E-03
946	ALL	363049.3	3766583	NonCancerChronicDerived_Inh	2.82E-03
837	ALL	363299.3	3766508	NonCancerChronicDerived_Inh	2.80E-03
1121	ALL	363324.3	3766683	NonCancerChronicDerived_Inh	2.73E-03
988	ALL	363074.3	3766608	NonCancerChronicDerived_Inh	2.72E-03
958	ALL	363349.3	3766583	NonCancerChronicDerived_Inh	2.69E-03
753	ALL	363024.3	3766458	NonCancerChronicDerived_Inh	2.69E-03
1081	ALL	363349.3	3766658	NonCancerChronicDerived_Inh	2.67E-03
636	ALL	363149.3	3766383	NonCancerChronicDerived_Inh	2.62E-03
876	ALL	363324.3	3766533	NonCancerChronicDerived_Inh	2.62E-03
1116	ALL	363199.3	3766683	NonCancerChronicDerived_Inh	2.60E-03
635	ALL	363124.3	3766383	NonCancerChronicDerived_Inh	2.59E-03
905	ALL	363024.3	3766558	NonCancerChronicDerived_Inh	2.52E-03
1073	ALL	363149.3	3766658	NonCancerChronicDerived_Inh	2.52E-03
637	ALL	363174.3	3766383	NonCancerChronicDerived_Inh	2.43E-03
1160	ALL	363274.3	3766708	NonCancerChronicDerived_Inh	2.42E-03
1122	ALL	363349.3	3766683	NonCancerChronicDerived_Inh	2.40E-03
1161	ALL	363299.3	3766708	NonCancerChronicDerived_Inh	2.40E-03
680	ALL	363224.3	3766408	NonCancerChronicDerived_Inh	2.38E-03
634	ALL	363099.3	3766383	NonCancerChronicDerived_Inh	2.37E-03
1030	ALL	363099.3	3766633	NonCancerChronicDerived_Inh	2.36E-03
917	ALL	363349.3	3766558	NonCancerChronicDerived_Inh	2.33E-03
721	ALL	363249.3	3766433	NonCancerChronicDerived_Inh	2.33E-03
1159	ALL	363249.3	3766708	NonCancerChronicDerived_Inh	2.32E-03
673	ALL	363049.3	3766408	NonCancerChronicDerived_Inh	2.30E-03
1162	ALL	363324.3	3766708	NonCancerChronicDerived_Inh	2.28E-03
1041	ALL	363374.3	3766633	NonCancerChronicDerived_Inh	2.27E-03
713	ALL	363024.3	3766433	NonCancerChronicDerived_Inh	2.23E-03
1082	ALL	363374.3	3766658	NonCancerChronicDerived_Inh	2.22E-03
1000	ALL	363374.3	3766608	NonCancerChronicDerived_Inh	2.21E-03
1115	ALL	363174.3	3766683	NonCancerChronicDerived_Inh	2.15E-03
828	ALL	362999.3	3766508	NonCancerChronicDerived_Inh	2.12E-03
1158	ALL	363224.3	3766708	NonCancerChronicDerived_Inh	2.10E-03
761	ALL	363274.3	3766458	NonCancerChronicDerived_Inh	2.09E-03
1163	ALL	363349.3	3766708	NonCancerChronicDerived_Inh	2.09E-03
638	ALL	363199.3	3766383	NonCancerChronicDerived_Inh	2.08E-03
1123	ALL	363374.3	3766683	NonCancerChronicDerived_Inh	2.08E-03
791	ALL	362999.3	3766483	NonCancerChronicDerived_Inh	2.08E-03
987	ALL	363049.3	3766608	NonCancerChronicDerived_Inh	2.07E-03
633	ALL	363074.3	3766383	NonCancerChronicDerived_Inh	2.06E-03
945	ALL	363024.3	3766583	NonCancerChronicDerived_Inh	2.03E-03
959	ALL	363374.3	3766583	NonCancerChronicDerived_Inh	2.02E-03
866	ALL	362999.3	3766533	NonCancerChronicDerived_Inh	2.01E-03
1072	ALL	363124.3	3766658	NonCancerChronicDerived_Inh	2.00E-03
799	ALL	363299.3	3766483	NonCancerChronicDerived_Inh	1.98E-03
838	ALL	363324.3	3766508	NonCancerChronicDerived_Inh	1.95E-03
1029	ALL	363074.3	3766633	NonCancerChronicDerived_Inh	1.91E-03
752	ALL	362999.3	3766458	NonCancerChronicDerived_Inh	1.91E-03
1202	ALL	363299.3	3766733	NonCancerChronicDerived_Inh	1.90E-03
1164	ALL	363374.3	3766708	NonCancerChronicDerived_Inh	1.88E-03
877	ALL	363349.3	3766533	NonCancerChronicDerived_Inh	1.87E-03
1203	ALL	363324.3	3766733	NonCancerChronicDerived_Inh	1.87E-03
1201	ALL	363274.3	3766733	NonCancerChronicDerived_Inh	1.85E-03
1083	ALL	363399.3	3766658	NonCancerChronicDerived_Inh	1.84E-03
1042	ALL	363399.3	3766633	NonCancerChronicDerived_Inh	1.83E-03
1157	ALL	363199.3	3766708	NonCancerChronicDerived_Inh	1.80E-03
672	ALL	363024.3	3766408	NonCancerChronicDerived_Inh	1.80E-03
904	ALL	362999.3	3766558	NonCancerChronicDerived_Inh	1.78E-03
1204	ALL	363349.3	3766733	NonCancerChronicDerived_Inh	1.78E-03
1124	ALL	363399.3	3766683	NonCancerChronicDerived_Inh	1.77E-03
681	ALL	363249.3	3766408	NonCancerChronicDerived_Inh	1.76E-03
595	ALL	363149.3	3766358	NonCancerChronicDerived_Inh	1.75E-03
594	ALL	363124.3	3766358	NonCancerChronicDerived_Inh	1.75E-03
1001	ALL	363399.3	3766608	NonCancerChronicDerived_Inh	1.73E-03
918	ALL	363374.3	3766558	NonCancerChronicDerived_Inh	1.73E-03
632	ALL	363049.3	3766383	NonCancerChronicDerived_Inh	1.73E-03
1114	ALL	363149.3	3766683	NonCancerChronicDerived_Inh	1.72E-03
1200	ALL	363249.3	3766733	NonCancerChronicDerived_Inh	1.71E-03
639	ALL	363224.3	3766383	NonCancerChronicDerived_Inh	1.70E-03
712	ALL	362999.3	3766433	NonCancerChronicDerived_Inh	1.67E-03
1071	ALL	363099.3	3766658	NonCancerChronicDerived_Inh	1.66E-03
1165	ALL	363399.3	3766708	NonCancerChronicDerived_Inh	1.66E-03

1205	ALL	363374.3	3766733	NonCancerChronicDerived_Inh	1.65E-03
593	ALL	363099.3	3766358	NonCancerChronicDerived_Inh	1.65E-03
596	ALL	363174.3	3766358	NonCancerChronicDerived_Inh	1.65E-03
722	ALL	363274.3	3766433	NonCancerChronicDerived_Inh	1.65E-03
986	ALL	363024.3	3766608	NonCancerChronicDerived_Inh	1.59E-03
960	ALL	363399.3	3766583	NonCancerChronicDerived_Inh	1.55E-03
1028	ALL	363049.3	3766633	NonCancerChronicDerived_Inh	1.54E-03
1084	ALL	363424.3	3766658	NonCancerChronicDerived_Inh	1.52E-03
1244	ALL	363324.3	3766758	NonCancerChronicDerived_Inh	1.52E-03
827	ALL	362974.3	3766508	NonCancerChronicDerived_Inh	1.52E-03
1199	ALL	363224.3	3766733	NonCancerChronicDerived_Inh	1.51E-03
944	ALL	362999.3	3766583	NonCancerChronicDerived_Inh	1.51E-03
1125	ALL	363424.3	3766683	NonCancerChronicDerived_Inh	1.51E-03
1206	ALL	363399.3	3766733	NonCancerChronicDerived_Inh	1.50E-03
790	ALL	362974.3	3766483	NonCancerChronicDerived_Inh	1.50E-03
1243	ALL	363299.3	3766758	NonCancerChronicDerived_Inh	1.50E-03
592	ALL	363074.3	3766358	NonCancerChronicDerived_Inh	1.49E-03
1245	ALL	363349.3	3766758	NonCancerChronicDerived_Inh	1.49E-03
762	ALL	363299.3	3766458	NonCancerChronicDerived_Inh	1.49E-03
1156	ALL	363174.3	3766708	NonCancerChronicDerived_Inh	1.49E-03
1043	ALL	363424.3	3766633	NonCancerChronicDerived_Inh	1.48E-03
597	ALL	363199.3	3766358	NonCancerChronicDerived_Inh	1.47E-03
865	ALL	362974.3	3766533	NonCancerChronicDerived_Inh	1.45E-03
1166	ALL	363424.3	3766708	NonCancerChronicDerived_Inh	1.45E-03
1246	ALL	363374.3	3766758	NonCancerChronicDerived_Inh	1.43E-03
631	ALL	363024.3	3766383	NonCancerChronicDerived_Inh	1.43E-03
800	ALL	363324.3	3766483	NonCancerChronicDerived_Inh	1.43E-03
839	ALL	363349.3	3766508	NonCancerChronicDerived_Inh	1.42E-03
751	ALL	362974.3	3766458	NonCancerChronicDerived_Inh	1.41E-03
671	ALL	362999.3	3766408	NonCancerChronicDerived_Inh	1.41E-03
1242	ALL	363274.3	3766758	NonCancerChronicDerived_Inh	1.41E-03
1070	ALL	363074.3	3766658	NonCancerChronicDerived_Inh	1.39E-03
1113	ALL	363124.3	3766683	NonCancerChronicDerived_Inh	1.39E-03
878	ALL	363374.3	3766533	NonCancerChronicDerived_Inh	1.39E-03
1002	ALL	363424.3	3766608	NonCancerChronicDerived_Inh	1.37E-03
1207	ALL	363424.3	3766733	NonCancerChronicDerived_Inh	1.35E-03
640	ALL	363249.3	3766383	NonCancerChronicDerived_Inh	1.34E-03
1247	ALL	363399.3	3766758	NonCancerChronicDerived_Inh	1.34E-03
903	ALL	362974.3	3766558	NonCancerChronicDerived_Inh	1.32E-03
682	ALL	363274.3	3766408	NonCancerChronicDerived_Inh	1.32E-03
919	ALL	363399.3	3766558	NonCancerChronicDerived_Inh	1.31E-03
591	ALL	363049.3	3766358	NonCancerChronicDerived_Inh	1.31E-03
1198	ALL	363199.3	3766733	NonCancerChronicDerived_Inh	1.29E-03
711	ALL	362974.3	3766433	NonCancerChronicDerived_Inh	1.28E-03
1241	ALL	363249.3	3766758	NonCancerChronicDerived_Inh	1.28E-03
1126	ALL	363449.3	3766683	NonCancerChronicDerived_Inh	1.28E-03
1085	ALL	363449.3	3766658	NonCancerChronicDerived_Inh	1.26E-03
1167	ALL	363449.3	3766708	NonCancerChronicDerived_Inh	1.25E-03
598	ALL	363224.3	3766358	NonCancerChronicDerived_Inh	1.25E-03
553	ALL	363124.3	3766333	NonCancerChronicDerived_Inh	1.25E-03
1027	ALL	363024.3	3766633	NonCancerChronicDerived_Inh	1.24E-03
985	ALL	362999.3	3766608	NonCancerChronicDerived_Inh	1.24E-03
554	ALL	363149.3	3766333	NonCancerChronicDerived_Inh	1.24E-03
1286	ALL	363349.3	3766783	NonCancerChronicDerived_Inh	1.24E-03
1248	ALL	363424.3	3766758	NonCancerChronicDerived_Inh	1.23E-03
1285	ALL	363324.3	3766783	NonCancerChronicDerived_Inh	1.23E-03
1287	ALL	363374.3	3766783	NonCancerChronicDerived_Inh	1.22E-03
961	ALL	363424.3	3766583	NonCancerChronicDerived_Inh	1.21E-03
1155	ALL	363149.3	3766708	NonCancerChronicDerived_Inh	1.21E-03
723	ALL	363299.3	3766433	NonCancerChronicDerived_Inh	1.21E-03
1044	ALL	363449.3	3766633	NonCancerChronicDerived_Inh	1.20E-03
552	ALL	363099.3	3766333	NonCancerChronicDerived_Inh	1.20E-03
1208	ALL	363449.3	3766733	NonCancerChronicDerived_Inh	1.20E-03
555	ALL	363174.3	3766333	NonCancerChronicDerived_Inh	1.18E-03
630	ALL	362999.3	3766383	NonCancerChronicDerived_Inh	1.17E-03
1112	ALL	363099.3	3766683	NonCancerChronicDerived_Inh	1.17E-03
1284	ALL	363299.3	3766783	NonCancerChronicDerived_Inh	1.17E-03
1288	ALL	363399.3	3766783	NonCancerChronicDerived_Inh	1.17E-03
943	ALL	362974.3	3766583	NonCancerChronicDerived_Inh	1.16E-03
1069	ALL	363049.3	3766658	NonCancerChronicDerived_Inh	1.15E-03
826	ALL	362949.3	3766508	NonCancerChronicDerived_Inh	1.14E-03
590	ALL	363024.3	3766358	NonCancerChronicDerived_Inh	1.13E-03
789	ALL	362949.3	3766483	NonCancerChronicDerived_Inh	1.13E-03
1240	ALL	363224.3	3766758	NonCancerChronicDerived_Inh	1.13E-03
670	ALL	362974.3	3766408	NonCancerChronicDerived_Inh	1.12E-03
551	ALL	363074.3	3766333	NonCancerChronicDerived_Inh	1.12E-03
1249	ALL	363449.3	3766758	NonCancerChronicDerived_Inh	1.12E-03
763	ALL	363324.3	3766458	NonCancerChronicDerived_Inh	1.11E-03
1289	ALL	363424.3	3766783	NonCancerChronicDerived_Inh	1.10E-03
1003	ALL	363449.3	3766608	NonCancerChronicDerived_Inh	1.10E-03
864	ALL	362949.3	3766533	NonCancerChronicDerived_Inh	1.09E-03

1283	ALL	363274.3	3766783	NonCancerChronicDerived_Inh	1.09E-03
1127	ALL	363474.3	3766683	NonCancerChronicDerived_Inh	1.09E-03
1168	ALL	363474.3	3766708	NonCancerChronicDerived_Inh	1.08E-03
750	ALL	362949.3	3766458	NonCancerChronicDerived_Inh	1.08E-03
1197	ALL	363174.3	3766733	NonCancerChronicDerived_Inh	1.08E-03
556	ALL	363199.3	3766333	NonCancerChronicDerived_Inh	1.08E-03
801	ALL	363349.3	3766483	NonCancerChronicDerived_Inh	1.07E-03
840	ALL	363374.3	3766508	NonCancerChronicDerived_Inh	1.07E-03
879	ALL	363399.3	3766533	NonCancerChronicDerived_Inh	1.06E-03
641	ALL	363274.3	3766383	NonCancerChronicDerived_Inh	1.06E-03
1209	ALL	363474.3	3766733	NonCancerChronicDerived_Inh	1.06E-03
1086	ALL	363474.3	3766658	NonCancerChronicDerived_Inh	1.05E-03
599	ALL	363249.3	3766358	NonCancerChronicDerived_Inh	1.04E-03
1328	ALL	363374.3	3766808	NonCancerChronicDerived_Inh	1.03E-03
1327	ALL	363349.3	3766808	NonCancerChronicDerived_Inh	1.03E-03
1290	ALL	363449.3	3766783	NonCancerChronicDerived_Inh	1.02E-03
920	ALL	363424.3	3766558	NonCancerChronicDerived_Inh	1.02E-03
550	ALL	363049.3	3766333	NonCancerChronicDerived_Inh	1.02E-03
1026	ALL	362999.3	3766633	NonCancerChronicDerived_Inh	1.01E-03
1154	ALL	363124.3	3766708	NonCancerChronicDerived_Inh	1.01E-03
1329	ALL	363399.3	3766808	NonCancerChronicDerived_Inh	1.01E-03
902	ALL	362949.3	3766558	NonCancerChronicDerived_Inh	1.01E-03
1250	ALL	363474.3	3766758	NonCancerChronicDerived_Inh	1.01E-03
683	ALL	363299.3	3766408	NonCancerChronicDerived_Inh	1.01E-03
710	ALL	362949.3	3766433	NonCancerChronicDerived_Inh	1.00E-03
1111	ALL	363074.3	3766683	NonCancerChronicDerived_Inh	9.95E-04
1326	ALL	363324.3	3766808	NonCancerChronicDerived_Inh	9.89E-04
984	ALL	362974.3	3766608	NonCancerChronicDerived_Inh	9.89E-04
1045	ALL	363474.3	3766633	NonCancerChronicDerived_Inh	9.87E-04
1282	ALL	363249.3	3766783	NonCancerChronicDerived_Inh	9.84E-04
1330	ALL	363424.3	3766808	NonCancerChronicDerived_Inh	9.73E-04
1239	ALL	363199.3	3766758	NonCancerChronicDerived_Inh	9.70E-04
629	ALL	362974.3	3766383	NonCancerChronicDerived_Inh	9.68E-04
589	ALL	362999.3	3766358	NonCancerChronicDerived_Inh	9.67E-04
962	ALL	363449.3	3766583	NonCancerChronicDerived_Inh	9.63E-04
557	ALL	363224.3	3766333	NonCancerChronicDerived_Inh	9.50E-04
1068	ALL	363024.3	3766658	NonCancerChronicDerived_Inh	9.46E-04
1291	ALL	363474.3	3766783	NonCancerChronicDerived_Inh	9.39E-04
1169	ALL	363499.3	3766708	NonCancerChronicDerived_Inh	9.38E-04
512	ALL	363124.3	3766308	NonCancerChronicDerived_Inh	9.33E-04
1325	ALL	363299.3	3766808	NonCancerChronicDerived_Inh	9.31E-04
1210	ALL	363499.3	3766733	NonCancerChronicDerived_Inh	9.28E-04
513	ALL	363149.3	3766308	NonCancerChronicDerived_Inh	9.27E-04
1128	ALL	363499.3	3766683	NonCancerChronicDerived_Inh	9.23E-04
1331	ALL	363449.3	3766808	NonCancerChronicDerived_Inh	9.22E-04
724	ALL	363324.3	3766433	NonCancerChronicDerived_Inh	9.16E-04
511	ALL	363099.3	3766308	NonCancerChronicDerived_Inh	9.09E-04
942	ALL	362949.3	3766583	NonCancerChronicDerived_Inh	9.09E-04
1196	ALL	363149.3	3766733	NonCancerChronicDerived_Inh	9.07E-04
669	ALL	362949.3	3766408	NonCancerChronicDerived_Inh	9.07E-04
549	ALL	363024.3	3766333	NonCancerChronicDerived_Inh	9.05E-04
1251	ALL	363499.3	3766758	NonCancerChronicDerived_Inh	8.99E-04
1004	ALL	363474.3	3766608	NonCancerChronicDerived_Inh	8.91E-04
514	ALL	363174.3	3766308	NonCancerChronicDerived_Inh	8.89E-04
1087	ALL	363499.3	3766658	NonCancerChronicDerived_Inh	8.82E-04
788	ALL	362924.3	3766483	NonCancerChronicDerived_Inh	8.81E-04
825	ALL	362924.3	3766508	NonCancerChronicDerived_Inh	8.81E-04
1370	ALL	363399.3	3766833	NonCancerChronicDerived_Inh	8.70E-04
1369	ALL	363374.3	3766833	NonCancerChronicDerived_Inh	8.69E-04
1281	ALL	363224.3	3766783	NonCancerChronicDerived_Inh	8.66E-04
1153	ALL	363099.3	3766708	NonCancerChronicDerived_Inh	8.66E-04
1332	ALL	363474.3	3766808	NonCancerChronicDerived_Inh	8.63E-04
510	ALL	363074.3	3766308	NonCancerChronicDerived_Inh	8.63E-04
1324	ALL	363274.3	3766808	NonCancerChronicDerived_Inh	8.58E-04
1292	ALL	363499.3	3766783	NonCancerChronicDerived_Inh	8.55E-04
749	ALL	362924.3	3766458	NonCancerChronicDerived_Inh	8.54E-04
600	ALL	363274.3	3766358	NonCancerChronicDerived_Inh	8.54E-04
1371	ALL	363424.3	3766833	NonCancerChronicDerived_Inh	8.52E-04
764	ALL	363349.3	3766458	NonCancerChronicDerived_Inh	8.51E-04
863	ALL	362924.3	3766533	NonCancerChronicDerived_Inh	8.50E-04
1110	ALL	363049.3	3766683	NonCancerChronicDerived_Inh	8.47E-04
1368	ALL	363349.3	3766833	NonCancerChronicDerived_Inh	8.43E-04
642	ALL	363299.3	3766383	NonCancerChronicDerived_Inh	8.39E-04
1025	ALL	362974.3	3766633	NonCancerChronicDerived_Inh	8.34E-04
841	ALL	363399.3	3766508	NonCancerChronicDerived_Inh	8.33E-04
802	ALL	363374.3	3766483	NonCancerChronicDerived_Inh	8.31E-04
880	ALL	363424.3	3766533	NonCancerChronicDerived_Inh	8.30E-04
515	ALL	363199.3	3766308	NonCancerChronicDerived_Inh	8.24E-04
588	ALL	362974.3	3766358	NonCancerChronicDerived_Inh	8.24E-04
1238	ALL	363174.3	3766758	NonCancerChronicDerived_Inh	8.22E-04
1372	ALL	363449.3	3766833	NonCancerChronicDerived_Inh	8.22E-04

558	ALL	363249.3	3766333	NonCancerChronicDerived_Inh	8.18E-04
1046	ALL	363499.3	3766633	NonCancerChronicDerived_Inh	8.16E-04
1211	ALL	363524.3	3766733	NonCancerChronicDerived_Inh	8.15E-04
1170	ALL	363524.3	3766708	NonCancerChronicDerived_Inh	8.11E-04
921	ALL	363449.3	3766558	NonCancerChronicDerived_Inh	8.10E-04
709	ALL	362924.3	3766433	NonCancerChronicDerived_Inh	8.06E-04
628	ALL	362949.3	3766383	NonCancerChronicDerived_Inh	8.03E-04
1367	ALL	363324.3	3766833	NonCancerChronicDerived_Inh	8.03E-04
1252	ALL	363524.3	3766758	NonCancerChronicDerived_Inh	8.01E-04
509	ALL	363049.3	3766308	NonCancerChronicDerived_Inh	8.01E-04
1333	ALL	363499.3	3766808	NonCancerChronicDerived_Inh	7.99E-04
983	ALL	362949.3	3766608	NonCancerChronicDerived_Inh	7.99E-04
901	ALL	362924.3	3766558	NonCancerChronicDerived_Inh	7.97E-04
548	ALL	362999.3	3766333	NonCancerChronicDerived_Inh	7.97E-04
1067	ALL	362999.3	3766658	NonCancerChronicDerived_Inh	7.91E-04
1129	ALL	363524.3	3766683	NonCancerChronicDerived_Inh	7.86E-04
684	ALL	363324.3	3766408	NonCancerChronicDerived_Inh	7.83E-04
1373	ALL	363474.3	3766833	NonCancerChronicDerived_Inh	7.83E-04
963	ALL	363474.3	3766583	NonCancerChronicDerived_Inh	7.76E-04
1293	ALL	363524.3	3766783	NonCancerChronicDerived_Inh	7.73E-04
1195	ALL	363124.3	3766733	NonCancerChronicDerived_Inh	7.73E-04
1323	ALL	363249.3	3766808	NonCancerChronicDerived_Inh	7.72E-04
1152	ALL	363074.3	3766708	NonCancerChronicDerived_Inh	7.52E-04
1366	ALL	363299.3	3766833	NonCancerChronicDerived_Inh	7.50E-04
1280	ALL	363199.3	3766783	NonCancerChronicDerived_Inh	7.48E-04
1411	ALL	363399.3	3766858	NonCancerChronicDerived_Inh	7.44E-04
668	ALL	362924.3	3766408	NonCancerChronicDerived_Inh	7.43E-04
516	ALL	363224.3	3766308	NonCancerChronicDerived_Inh	7.43E-04
1412	ALL	363424.3	3766858	NonCancerChronicDerived_Inh	7.42E-04
1088	ALL	363524.3	3766658	NonCancerChronicDerived_Inh	7.42E-04
1374	ALL	363499.3	3766833	NonCancerChronicDerived_Inh	7.37E-04
1334	ALL	363524.3	3766808	NonCancerChronicDerived_Inh	7.35E-04
508	ALL	363024.3	3766308	NonCancerChronicDerived_Inh	7.31E-04
1005	ALL	363499.3	3766608	NonCancerChronicDerived_Inh	7.31E-04
941	ALL	362924.3	3766583	NonCancerChronicDerived_Inh	7.30E-04
1109	ALL	363024.3	3766683	NonCancerChronicDerived_Inh	7.27E-04
1413	ALL	363449.3	3766858	NonCancerChronicDerived_Inh	7.27E-04
1410	ALL	363374.3	3766858	NonCancerChronicDerived_Inh	7.24E-04
471	ALL	363124.3	3766283	NonCancerChronicDerived_Inh	7.22E-04
725	ALL	363349.3	3766433	NonCancerChronicDerived_Inh	7.16E-04
472	ALL	363149.3	3766283	NonCancerChronicDerived_Inh	7.16E-04
1212	ALL	363549.3	3766733	NonCancerChronicDerived_Inh	7.15E-04
1253	ALL	363549.3	3766758	NonCancerChronicDerived_Inh	7.12E-04
470	ALL	363099.3	3766283	NonCancerChronicDerived_Inh	7.10E-04
787	ALL	362899.3	3766483	NonCancerChronicDerived_Inh	7.04E-04
1414	ALL	363474.3	3766858	NonCancerChronicDerived_Inh	7.03E-04
824	ALL	362899.3	3766508	NonCancerChronicDerived_Inh	7.02E-04
587	ALL	362949.3	3766358	NonCancerChronicDerived_Inh	7.02E-04
1171	ALL	363549.3	3766708	NonCancerChronicDerived_Inh	7.01E-04
601	ALL	363299.3	3766358	NonCancerChronicDerived_Inh	7.01E-04
1237	ALL	363149.3	3766758	NonCancerChronicDerived_Inh	7.00E-04
547	ALL	362974.3	3766333	NonCancerChronicDerived_Inh	6.97E-04
1294	ALL	363549.3	3766783	NonCancerChronicDerived_Inh	6.97E-04
1409	ALL	363349.3	3766858	NonCancerChronicDerived_Inh	6.95E-04
559	ALL	363274.3	3766333	NonCancerChronicDerived_Inh	6.95E-04
1024	ALL	362949.3	3766633	NonCancerChronicDerived_Inh	6.93E-04
473	ALL	363174.3	3766283	NonCancerChronicDerived_Inh	6.90E-04
748	ALL	362899.3	3766458	NonCancerChronicDerived_Inh	6.88E-04
1375	ALL	363524.3	3766833	NonCancerChronicDerived_Inh	6.88E-04
1365	ALL	363274.3	3766833	NonCancerChronicDerived_Inh	6.86E-04
469	ALL	363074.3	3766283	NonCancerChronicDerived_Inh	6.82E-04
862	ALL	362899.3	3766533	NonCancerChronicDerived_Inh	6.80E-04
1322	ALL	363224.3	3766808	NonCancerChronicDerived_Inh	6.80E-04
1047	ALL	363524.3	3766633	NonCancerChronicDerived_Inh	6.80E-04
1066	ALL	362974.3	3766658	NonCancerChronicDerived_Inh	6.76E-04
765	ALL	363374.3	3766458	NonCancerChronicDerived_Inh	6.73E-04
643	ALL	363324.3	3766383	NonCancerChronicDerived_Inh	6.73E-04
1415	ALL	363499.3	3766858	NonCancerChronicDerived_Inh	6.72E-04
1130	ALL	363549.3	3766683	NonCancerChronicDerived_Inh	6.72E-04
627	ALL	362924.3	3766383	NonCancerChronicDerived_Inh	6.72E-04
1335	ALL	363549.3	3766808	NonCancerChronicDerived_Inh	6.71E-04
1194	ALL	363099.3	3766733	NonCancerChronicDerived_Inh	6.69E-04
881	ALL	363449.3	3766533	NonCancerChronicDerived_Inh	6.64E-04
842	ALL	363424.3	3766508	NonCancerChronicDerived_Inh	6.63E-04
803	ALL	363399.3	3766483	NonCancerChronicDerived_Inh	6.61E-04
507	ALL	362999.3	3766308	NonCancerChronicDerived_Inh	6.59E-04
1408	ALL	363324.3	3766858	NonCancerChronicDerived_Inh	6.58E-04
708	ALL	362899.3	3766433	NonCancerChronicDerived_Inh	6.58E-04
1151	ALL	363049.3	3766708	NonCancerChronicDerived_Inh	6.58E-04
517	ALL	363249.3	3766308	NonCancerChronicDerived_Inh	6.56E-04
982	ALL	362924.3	3766608	NonCancerChronicDerived_Inh	6.56E-04

922	ALL	363474.3	3766558	NonCancerChronicDerived_Inh	6.54E-04
474	ALL	363199.3	3766283	NonCancerChronicDerived_Inh	6.48E-04
900	ALL	362899.3	3766558	NonCancerChronicDerived_Inh	6.44E-04
1453	ALL	363424.3	3766883	NonCancerChronicDerived_Inh	6.44E-04
468	ALL	363049.3	3766283	NonCancerChronicDerived_Inh	6.43E-04
1279	ALL	363174.3	3766783	NonCancerChronicDerived_Inh	6.42E-04
1454	ALL	363449.3	3766883	NonCancerChronicDerived_Inh	6.40E-04
1376	ALL	363549.3	3766833	NonCancerChronicDerived_Inh	6.37E-04
1416	ALL	363524.3	3766858	NonCancerChronicDerived_Inh	6.37E-04
964	ALL	363499.3	3766583	NonCancerChronicDerived_Inh	6.34E-04
1254	ALL	363574.3	3766758	NonCancerChronicDerived_Inh	6.33E-04
1452	ALL	363399.3	3766883	NonCancerChronicDerived_Inh	6.30E-04
1089	ALL	363549.3	3766658	NonCancerChronicDerived_Inh	6.28E-04
1108	ALL	362999.3	3766683	NonCancerChronicDerived_Inh	6.27E-04
1455	ALL	363474.3	3766883	NonCancerChronicDerived_Inh	6.27E-04
1213	ALL	363574.3	3766733	NonCancerChronicDerived_Inh	6.27E-04
1295	ALL	363574.3	3766783	NonCancerChronicDerived_Inh	6.27E-04
685	ALL	363349.3	3766408	NonCancerChronicDerived_Inh	6.23E-04
667	ALL	362899.3	3766408	NonCancerChronicDerived_Inh	6.16E-04
1364	ALL	363249.3	3766833	NonCancerChronicDerived_Inh	6.16E-04
1407	ALL	363299.3	3766858	NonCancerChronicDerived_Inh	6.11E-04
1336	ALL	363574.3	3766808	NonCancerChronicDerived_Inh	6.11E-04
546	ALL	362949.3	3766333	NonCancerChronicDerived_Inh	6.08E-04
1172	ALL	363574.3	3766708	NonCancerChronicDerived_Inh	6.08E-04
1456	ALL	363499.3	3766883	NonCancerChronicDerived_Inh	6.08E-04
1451	ALL	363374.3	3766883	NonCancerChronicDerived_Inh	6.07E-04
1006	ALL	363524.3	3766608	NonCancerChronicDerived_Inh	6.05E-04
1236	ALL	363124.3	3766758	NonCancerChronicDerived_Inh	6.04E-04
586	ALL	362924.3	3766358	NonCancerChronicDerived_Inh	6.00E-04
1417	ALL	363549.3	3766858	NonCancerChronicDerived_Inh	5.98E-04
467	ALL	363024.3	3766283	NonCancerChronicDerived_Inh	5.98E-04
940	ALL	362899.3	3766583	NonCancerChronicDerived_Inh	5.97E-04
475	ALL	363224.3	3766283	NonCancerChronicDerived_Inh	5.94E-04
1321	ALL	363199.3	3766808	NonCancerChronicDerived_Inh	5.91E-04
506	ALL	362974.3	3766308	NonCancerChronicDerived_Inh	5.90E-04
1193	ALL	363074.3	3766733	NonCancerChronicDerived_Inh	5.88E-04
1377	ALL	363574.3	3766833	NonCancerChronicDerived_Inh	5.87E-04
560	ALL	363299.3	3766333	NonCancerChronicDerived_Inh	5.87E-04
1457	ALL	363524.3	3766883	NonCancerChronicDerived_Inh	5.83E-04
1065	ALL	362949.3	3766658	NonCancerChronicDerived_Inh	5.82E-04
1023	ALL	362924.3	3766633	NonCancerChronicDerived_Inh	5.81E-04
1450	ALL	363349.3	3766883	NonCancerChronicDerived_Inh	5.79E-04
1150	ALL	363024.3	3766708	NonCancerChronicDerived_Inh	5.79E-04
602	ALL	363324.3	3766358	NonCancerChronicDerived_Inh	5.78E-04
1131	ALL	363574.3	3766683	NonCancerChronicDerived_Inh	5.77E-04
786	ALL	362874.3	3766483	NonCancerChronicDerived_Inh	5.75E-04
430	ALL	363124.3	3766258	NonCancerChronicDerived_Inh	5.74E-04
726	ALL	363374.3	3766433	NonCancerChronicDerived_Inh	5.74E-04
823	ALL	362874.3	3766508	NonCancerChronicDerived_Inh	5.72E-04
518	ALL	363274.3	3766308	NonCancerChronicDerived_Inh	5.71E-04
1048	ALL	363549.3	3766633	NonCancerChronicDerived_Inh	5.71E-04
431	ALL	363149.3	3766258	NonCancerChronicDerived_Inh	5.69E-04
429	ALL	363099.3	3766258	NonCancerChronicDerived_Inh	5.68E-04
626	ALL	362899.3	3766383	NonCancerChronicDerived_Inh	5.67E-04
747	ALL	362874.3	3766458	NonCancerChronicDerived_Inh	5.66E-04
1296	ALL	363599.3	3766783	NonCancerChronicDerived_Inh	5.62E-04
1255	ALL	363599.3	3766758	NonCancerChronicDerived_Inh	5.61E-04
1495	ALL	363449.3	3766908	NonCancerChronicDerived_Inh	5.59E-04
1418	ALL	363574.3	3766858	NonCancerChronicDerived_Inh	5.58E-04
1406	ALL	363274.3	3766858	NonCancerChronicDerived_Inh	5.56E-04
1496	ALL	363474.3	3766908	NonCancerChronicDerived_Inh	5.56E-04
861	ALL	362874.3	3766533	NonCancerChronicDerived_Inh	5.56E-04
1458	ALL	363549.3	3766883	NonCancerChronicDerived_Inh	5.55E-04
1337	ALL	363599.3	3766808	NonCancerChronicDerived_Inh	5.54E-04
1278	ALL	363149.3	3766783	NonCancerChronicDerived_Inh	5.54E-04
432	ALL	363174.3	3766258	NonCancerChronicDerived_Inh	5.51E-04
428	ALL	363074.3	3766258	NonCancerChronicDerived_Inh	5.51E-04
1494	ALL	363424.3	3766908	NonCancerChronicDerived_Inh	5.51E-04
1214	ALL	363599.3	3766733	NonCancerChronicDerived_Inh	5.50E-04
466	ALL	362999.3	3766283	NonCancerChronicDerived_Inh	5.49E-04
644	ALL	363349.3	3766383	NonCancerChronicDerived_Inh	5.47E-04
707	ALL	362874.3	3766433	NonCancerChronicDerived_Inh	5.46E-04
1497	ALL	363499.3	3766908	NonCancerChronicDerived_Inh	5.46E-04
981	ALL	362899.3	3766608	NonCancerChronicDerived_Inh	5.45E-04
766	ALL	363399.3	3766458	NonCancerChronicDerived_Inh	5.44E-04
1363	ALL	363224.3	3766833	NonCancerChronicDerived_Inh	5.44E-04
1107	ALL	362974.3	3766683	NonCancerChronicDerived_Inh	5.44E-04
1449	ALL	363324.3	3766883	NonCancerChronicDerived_Inh	5.44E-04
882	ALL	363474.3	3766533	NonCancerChronicDerived_Inh	5.40E-04
1378	ALL	363599.3	3766833	NonCancerChronicDerived_Inh	5.39E-04
843	ALL	363449.3	3766508	NonCancerChronicDerived_Inh	5.38E-04

923	ALL	363499.3	3766558	NonCancerChronicDerived_Inh	5.36E-04
804	ALL	363424.3	3766483	NonCancerChronicDerived_Inh	5.36E-04
476	ALL	363249.3	3766283	NonCancerChronicDerived_Inh	5.35E-04
1090	ALL	363574.3	3766658	NonCancerChronicDerived_Inh	5.34E-04
1493	ALL	363399.3	3766908	NonCancerChronicDerived_Inh	5.34E-04
545	ALL	362924.3	3766333	NonCancerChronicDerived_Inh	5.31E-04
1235	ALL	363099.3	3766758	NonCancerChronicDerived_Inh	5.30E-04
899	ALL	362874.3	3766558	NonCancerChronicDerived_Inh	5.30E-04
1498	ALL	363524.3	3766908	NonCancerChronicDerived_Inh	5.30E-04
1173	ALL	363599.3	3766708	NonCancerChronicDerived_Inh	5.28E-04
427	ALL	363049.3	3766258	NonCancerChronicDerived_Inh	5.26E-04
505	ALL	362949.3	3766308	NonCancerChronicDerived_Inh	5.25E-04
965	ALL	363524.3	3766583	NonCancerChronicDerived_Inh	5.25E-04
1459	ALL	363574.3	3766883	NonCancerChronicDerived_Inh	5.24E-04
1192	ALL	363049.3	3766733	NonCancerChronicDerived_Inh	5.23E-04
433	ALL	363199.3	3766258	NonCancerChronicDerived_Inh	5.22E-04
666	ALL	362874.3	3766408	NonCancerChronicDerived_Inh	5.17E-04
1419	ALL	363599.3	3766858	NonCancerChronicDerived_Inh	5.17E-04
585	ALL	362899.3	3766358	NonCancerChronicDerived_Inh	5.16E-04
1492	ALL	363374.3	3766908	NonCancerChronicDerived_Inh	5.13E-04
1320	ALL	363174.3	3766808	NonCancerChronicDerived_Inh	5.13E-04
1499	ALL	363549.3	3766908	NonCancerChronicDerived_Inh	5.10E-04
1149	ALL	362999.3	3766708	NonCancerChronicDerived_Inh	5.09E-04
1064	ALL	362924.3	3766658	NonCancerChronicDerived_Inh	5.07E-04
1007	ALL	363549.3	3766608	NonCancerChronicDerived_Inh	5.06E-04
686	ALL	363374.3	3766408	NonCancerChronicDerived_Inh	5.06E-04
1297	ALL	363624.3	3766783	NonCancerChronicDerived_Inh	5.04E-04
1338	ALL	363624.3	3766808	NonCancerChronicDerived_Inh	5.02E-04
1448	ALL	363299.3	3766883	NonCancerChronicDerived_Inh	5.02E-04
465	ALL	362974.3	3766283	NonCancerChronicDerived_Inh	5.01E-04
1405	ALL	363249.3	3766858	NonCancerChronicDerived_Inh	4.99E-04
1256	ALL	363624.3	3766758	NonCancerChronicDerived_Inh	4.98E-04
939	ALL	362874.3	3766583	NonCancerChronicDerived_Inh	4.97E-04
1132	ALL	363599.3	3766683	NonCancerChronicDerived_Inh	4.97E-04
561	ALL	363324.3	3766333	NonCancerChronicDerived_Inh	4.96E-04
426	ALL	363024.3	3766258	NonCancerChronicDerived_Inh	4.95E-04
519	ALL	363299.3	3766308	NonCancerChronicDerived_Inh	4.94E-04
1379	ALL	363624.3	3766833	NonCancerChronicDerived_Inh	4.93E-04
1022	ALL	362899.3	3766633	NonCancerChronicDerived_Inh	4.92E-04
1460	ALL	363599.3	3766883	NonCancerChronicDerived_Inh	4.92E-04
1537	ALL	363474.3	3766933	NonCancerChronicDerived_Inh	4.90E-04
1538	ALL	363499.3	3766933	NonCancerChronicDerived_Inh	4.88E-04
1500	ALL	363574.3	3766908	NonCancerChronicDerived_Inh	4.87E-04
1491	ALL	363349.3	3766908	NonCancerChronicDerived_Inh	4.86E-04
434	ALL	363224.3	3766258	NonCancerChronicDerived_Inh	4.85E-04
1277	ALL	363124.3	3766783	NonCancerChronicDerived_Inh	4.84E-04
1049	ALL	363574.3	3766633	NonCancerChronicDerived_Inh	4.83E-04
625	ALL	362874.3	3766383	NonCancerChronicDerived_Inh	4.83E-04
1215	ALL	363624.3	3766733	NonCancerChronicDerived_Inh	4.83E-04
1536	ALL	363449.3	3766933	NonCancerChronicDerived_Inh	4.82E-04
603	ALL	363349.3	3766358	NonCancerChronicDerived_Inh	4.80E-04
1539	ALL	363524.3	3766933	NonCancerChronicDerived_Inh	4.79E-04
1420	ALL	363624.3	3766858	NonCancerChronicDerived_Inh	4.78E-04
785	ALL	362849.3	3766483	NonCancerChronicDerived_Inh	4.78E-04
1362	ALL	363199.3	3766833	NonCancerChronicDerived_Inh	4.77E-04
477	ALL	363274.3	3766283	NonCancerChronicDerived_Inh	4.76E-04
822	ALL	362849.3	3766508	NonCancerChronicDerived_Inh	4.75E-04
1106	ALL	362949.3	3766683	NonCancerChronicDerived_Inh	4.74E-04
746	ALL	362849.3	3766458	NonCancerChronicDerived_Inh	4.72E-04
1234	ALL	363074.3	3766758	NonCancerChronicDerived_Inh	4.72E-04
1535	ALL	363424.3	3766933	NonCancerChronicDerived_Inh	4.71E-04
727	ALL	363399.3	3766433	NonCancerChronicDerived_Inh	4.69E-04
389	ALL	363124.3	3766233	NonCancerChronicDerived_Inh	4.67E-04
504	ALL	362924.3	3766308	NonCancerChronicDerived_Inh	4.67E-04
1191	ALL	363024.3	3766733	NonCancerChronicDerived_Inh	4.66E-04
1540	ALL	363549.3	3766933	NonCancerChronicDerived_Inh	4.66E-04
544	ALL	362899.3	3766333	NonCancerChronicDerived_Inh	4.64E-04
388	ALL	363099.3	3766233	NonCancerChronicDerived_Inh	4.63E-04
860	ALL	362849.3	3766533	NonCancerChronicDerived_Inh	4.63E-04
390	ALL	363149.3	3766233	NonCancerChronicDerived_Inh	4.62E-04
1501	ALL	363599.3	3766908	NonCancerChronicDerived_Inh	4.62E-04
425	ALL	362999.3	3766258	NonCancerChronicDerived_Inh	4.62E-04
1174	ALL	363624.3	3766708	NonCancerChronicDerived_Inh	4.60E-04
706	ALL	362849.3	3766433	NonCancerChronicDerived_Inh	4.59E-04
980	ALL	362874.3	3766608	NonCancerChronicDerived_Inh	4.59E-04
1461	ALL	363624.3	3766883	NonCancerChronicDerived_Inh	4.59E-04
1091	ALL	363599.3	3766658	NonCancerChronicDerived_Inh	4.57E-04
1447	ALL	363274.3	3766883	NonCancerChronicDerived_Inh	4.57E-04
1534	ALL	363399.3	3766933	NonCancerChronicDerived_Inh	4.56E-04
1339	ALL	363649.3	3766808	NonCancerChronicDerived_Inh	4.54E-04
464	ALL	362949.3	3766283	NonCancerChronicDerived_Inh	4.54E-04

1490	ALL	363324.3	3766908	NonCancerChronicDerived_Inh	4.53E-04
387	ALL	363074.3	3766233	NonCancerChronicDerived_Inh	4.53E-04
1298	ALL	363649.3	3766783	NonCancerChronicDerived_Inh	4.51E-04
645	ALL	363374.3	3766383	NonCancerChronicDerived_Inh	4.51E-04
1380	ALL	363649.3	3766833	NonCancerChronicDerived_Inh	4.50E-04
1541	ALL	363574.3	3766933	NonCancerChronicDerived_Inh	4.50E-04
391	ALL	363174.3	3766233	NonCancerChronicDerived_Inh	4.50E-04
1148	ALL	362974.3	3766708	NonCancerChronicDerived_Inh	4.49E-04
767	ALL	363424.3	3766458	NonCancerChronicDerived_Inh	4.48E-04
1319	ALL	363149.3	3766808	NonCancerChronicDerived_Inh	4.47E-04
883	ALL	363499.3	3766533	NonCancerChronicDerived_Inh	4.47E-04
924	ALL	363524.3	3766558	NonCancerChronicDerived_Inh	4.46E-04
584	ALL	362874.3	3766358	NonCancerChronicDerived_Inh	4.46E-04
844	ALL	363474.3	3766508	NonCancerChronicDerived_Inh	4.44E-04
898	ALL	362849.3	3766558	NonCancerChronicDerived_Inh	4.44E-04
435	ALL	363249.3	3766258	NonCancerChronicDerived_Inh	4.44E-04
1404	ALL	363224.3	3766858	NonCancerChronicDerived_Inh	4.43E-04
805	ALL	363449.3	3766483	NonCancerChronicDerived_Inh	4.42E-04
1257	ALL	363649.3	3766758	NonCancerChronicDerived_Inh	4.42E-04
1421	ALL	363649.3	3766858	NonCancerChronicDerived_Inh	4.41E-04
665	ALL	362849.3	3766408	NonCancerChronicDerived_Inh	4.39E-04
966	ALL	363549.3	3766583	NonCancerChronicDerived_Inh	4.39E-04
1063	ALL	362899.3	3766658	NonCancerChronicDerived_Inh	4.39E-04
1502	ALL	363624.3	3766908	NonCancerChronicDerived_Inh	4.36E-04
386	ALL	363049.3	3766233	NonCancerChronicDerived_Inh	4.36E-04
1533	ALL	363374.3	3766933	NonCancerChronicDerived_Inh	4.35E-04
1579	ALL	363499.3	3766958	NonCancerChronicDerived_Inh	4.32E-04
1542	ALL	363599.3	3766933	NonCancerChronicDerived_Inh	4.31E-04
1580	ALL	363524.3	3766958	NonCancerChronicDerived_Inh	4.31E-04
1133	ALL	363624.3	3766683	NonCancerChronicDerived_Inh	4.30E-04
1276	ALL	363099.3	3766783	NonCancerChronicDerived_Inh	4.30E-04
392	ALL	363199.3	3766233	NonCancerChronicDerived_Inh	4.29E-04
1008	ALL	363574.3	3766608	NonCancerChronicDerived_Inh	4.28E-04
424	ALL	362974.3	3766258	NonCancerChronicDerived_Inh	4.27E-04
1462	ALL	363649.3	3766883	NonCancerChronicDerived_Inh	4.27E-04
520	ALL	363324.3	3766308	NonCancerChronicDerived_Inh	4.27E-04
1578	ALL	363474.3	3766958	NonCancerChronicDerived_Inh	4.26E-04
1216	ALL	363649.3	3766733	NonCancerChronicDerived_Inh	4.25E-04
1233	ALL	363049.3	3766758	NonCancerChronicDerived_Inh	4.23E-04
1581	ALL	363549.3	3766958	NonCancerChronicDerived_Inh	4.23E-04
562	ALL	363349.3	3766333	NonCancerChronicDerived_Inh	4.20E-04
478	ALL	363299.3	3766283	NonCancerChronicDerived_Inh	4.19E-04
938	ALL	362849.3	3766583	NonCancerChronicDerived_Inh	4.19E-04
1021	ALL	362874.3	3766633	NonCancerChronicDerived_Inh	4.19E-04
1577	ALL	363449.3	3766958	NonCancerChronicDerived_Inh	4.18E-04
1361	ALL	363174.3	3766833	NonCancerChronicDerived_Inh	4.18E-04
687	ALL	363399.3	3766408	NonCancerChronicDerived_Inh	4.18E-04
1190	ALL	362999.3	3766733	NonCancerChronicDerived_Inh	4.17E-04
1489	ALL	363299.3	3766908	NonCancerChronicDerived_Inh	4.17E-04
385	ALL	363024.3	3766233	NonCancerChronicDerived_Inh	4.15E-04
624	ALL	362849.3	3766383	NonCancerChronicDerived_Inh	4.15E-04
503	ALL	362899.3	3766308	NonCancerChronicDerived_Inh	4.15E-04
1105	ALL	362924.3	3766683	NonCancerChronicDerived_Inh	4.14E-04
1582	ALL	363574.3	3766958	NonCancerChronicDerived_Inh	4.13E-04
1050	ALL	363599.3	3766633	NonCancerChronicDerived_Inh	4.12E-04
1543	ALL	363624.3	3766933	NonCancerChronicDerived_Inh	4.11E-04
1446	ALL	363249.3	3766883	NonCancerChronicDerived_Inh	4.11E-04
463	ALL	362924.3	3766283	NonCancerChronicDerived_Inh	4.10E-04
1532	ALL	363349.3	3766933	NonCancerChronicDerived_Inh	4.10E-04
1503	ALL	363649.3	3766908	NonCancerChronicDerived_Inh	4.09E-04
1576	ALL	363424.3	3766958	NonCancerChronicDerived_Inh	4.07E-04
543	ALL	362874.3	3766333	NonCancerChronicDerived_Inh	4.07E-04
784	ALL	362824.3	3766483	NonCancerChronicDerived_Inh	4.03E-04
393	ALL	363224.3	3766233	NonCancerChronicDerived_Inh	4.03E-04
604	ALL	363374.3	3766358	NonCancerChronicDerived_Inh	4.02E-04
1175	ALL	363649.3	3766708	NonCancerChronicDerived_Inh	4.02E-04
436	ALL	363274.3	3766258	NonCancerChronicDerived_Inh	4.01E-04
821	ALL	362824.3	3766508	NonCancerChronicDerived_Inh	4.00E-04
745	ALL	362824.3	3766458	NonCancerChronicDerived_Inh	4.00E-04
1583	ALL	363599.3	3766958	NonCancerChronicDerived_Inh	3.99E-04
1147	ALL	362949.3	3766708	NonCancerChronicDerived_Inh	3.97E-04
1318	ALL	363124.3	3766808	NonCancerChronicDerived_Inh	3.95E-04
1092	ALL	363624.3	3766658	NonCancerChronicDerived_Inh	3.94E-04
423	ALL	362949.3	3766258	NonCancerChronicDerived_Inh	3.93E-04
384	ALL	362999.3	3766233	NonCancerChronicDerived_Inh	3.92E-04
1403	ALL	363199.3	3766858	NonCancerChronicDerived_Inh	3.92E-04
1575	ALL	363399.3	3766958	NonCancerChronicDerived_Inh	3.91E-04
979	ALL	362849.3	3766608	NonCancerChronicDerived_Inh	3.91E-04
705	ALL	362824.3	3766433	NonCancerChronicDerived_Inh	3.91E-04
728	ALL	363424.3	3766433	NonCancerChronicDerived_Inh	3.90E-04
859	ALL	362824.3	3766533	NonCancerChronicDerived_Inh	3.90E-04

1544	ALL	363649.3	3766933	NonCancerChronicDerived_Inh	3.89E-04
583	ALL	362849.3	3766358	NonCancerChronicDerived_Inh	3.87E-04
348	ALL	363124.3	3766208	NonCancerChronicDerived_Inh	3.87E-04
1275	ALL	363074.3	3766783	NonCancerChronicDerived_Inh	3.85E-04
347	ALL	363099.3	3766208	NonCancerChronicDerived_Inh	3.85E-04
1584	ALL	363624.3	3766958	NonCancerChronicDerived_Inh	3.84E-04
349	ALL	363149.3	3766208	NonCancerChronicDerived_Inh	3.83E-04
1622	ALL	363549.3	3766983	NonCancerChronicDerived_Inh	3.83E-04
1232	ALL	363024.3	3766758	NonCancerChronicDerived_Inh	3.82E-04
1621	ALL	363524.3	3766983	NonCancerChronicDerived_Inh	3.82E-04
1531	ALL	363324.3	3766933	NonCancerChronicDerived_Inh	3.80E-04
1488	ALL	363274.3	3766908	NonCancerChronicDerived_Inh	3.79E-04
1620	ALL	363499.3	3766983	NonCancerChronicDerived_Inh	3.78E-04
346	ALL	363074.3	3766208	NonCancerChronicDerived_Inh	3.78E-04
664	ALL	362824.3	3766408	NonCancerChronicDerived_Inh	3.77E-04
1623	ALL	363574.3	3766983	NonCancerChronicDerived_Inh	3.77E-04
1062	ALL	362874.3	3766658	NonCancerChronicDerived_Inh	3.77E-04
646	ALL	363399.3	3766383	NonCancerChronicDerived_Inh	3.76E-04
897	ALL	362824.3	3766558	NonCancerChronicDerived_Inh	3.76E-04
768	ALL	363449.3	3766458	NonCancerChronicDerived_Inh	3.75E-04
925	ALL	363549.3	3766558	NonCancerChronicDerived_Inh	3.75E-04
884	ALL	363524.3	3766533	NonCancerChronicDerived_Inh	3.75E-04
350	ALL	363174.3	3766208	NonCancerChronicDerived_Inh	3.74E-04
1619	ALL	363474.3	3766983	NonCancerChronicDerived_Inh	3.74E-04
1134	ALL	363649.3	3766683	NonCancerChronicDerived_Inh	3.73E-04
1189	ALL	362974.3	3766733	NonCancerChronicDerived_Inh	3.73E-04
394	ALL	363249.3	3766233	NonCancerChronicDerived_Inh	3.73E-04
845	ALL	363499.3	3766508	NonCancerChronicDerived_Inh	3.72E-04
967	ALL	363574.3	3766583	NonCancerChronicDerived_Inh	3.72E-04
1574	ALL	363374.3	3766958	NonCancerChronicDerived_Inh	3.71E-04
806	ALL	363474.3	3766483	NonCancerChronicDerived_Inh	3.71E-04
462	ALL	362899.3	3766283	NonCancerChronicDerived_Inh	3.69E-04
502	ALL	362874.3	3766308	NonCancerChronicDerived_Inh	3.69E-04
479	ALL	363324.3	3766283	NonCancerChronicDerived_Inh	3.69E-04
521	ALL	363349.3	3766308	NonCancerChronicDerived_Inh	3.69E-04
1360	ALL	363149.3	3766833	NonCancerChronicDerived_Inh	3.68E-04
1624	ALL	363599.3	3766983	NonCancerChronicDerived_Inh	3.68E-04
1585	ALL	363649.3	3766958	NonCancerChronicDerived_Inh	3.67E-04
383	ALL	362974.3	3766233	NonCancerChronicDerived_Inh	3.67E-04
345	ALL	363049.3	3766208	NonCancerChronicDerived_Inh	3.67E-04
1445	ALL	363224.3	3766883	NonCancerChronicDerived_Inh	3.66E-04
1618	ALL	363449.3	3766983	NonCancerChronicDerived_Inh	3.65E-04
1009	ALL	363599.3	3766608	NonCancerChronicDerived_Inh	3.64E-04
1104	ALL	362899.3	3766683	NonCancerChronicDerived_Inh	3.62E-04
1020	ALL	362849.3	3766633	NonCancerChronicDerived_Inh	3.61E-04
422	ALL	362924.3	3766258	NonCancerChronicDerived_Inh	3.60E-04
623	ALL	362824.3	3766383	NonCancerChronicDerived_Inh	3.59E-04
437	ALL	363299.3	3766258	NonCancerChronicDerived_Inh	3.59E-04
351	ALL	363199.3	3766208	NonCancerChronicDerived_Inh	3.59E-04
563	ALL	363374.3	3766333	NonCancerChronicDerived_Inh	3.59E-04
542	ALL	362849.3	3766333	NonCancerChronicDerived_Inh	3.58E-04
937	ALL	362824.3	3766583	NonCancerChronicDerived_Inh	3.58E-04
1625	ALL	363624.3	3766983	NonCancerChronicDerived_Inh	3.57E-04
1317	ALL	363099.3	3766808	NonCancerChronicDerived_Inh	3.54E-04
1051	ALL	363624.3	3766633	NonCancerChronicDerived_Inh	3.54E-04
1617	ALL	363424.3	3766983	NonCancerChronicDerived_Inh	3.53E-04
1146	ALL	362924.3	3766708	NonCancerChronicDerived_Inh	3.52E-04
344	ALL	363024.3	3766208	NonCancerChronicDerived_Inh	3.52E-04
688	ALL	363424.3	3766408	NonCancerChronicDerived_Inh	3.50E-04
1530	ALL	363299.3	3766933	NonCancerChronicDerived_Inh	3.49E-04
1274	ALL	363049.3	3766783	NonCancerChronicDerived_Inh	3.49E-04
1573	ALL	363349.3	3766958	NonCancerChronicDerived_Inh	3.48E-04
1402	ALL	363174.3	3766858	NonCancerChronicDerived_Inh	3.47E-04
1231	ALL	362999.3	3766758	NonCancerChronicDerived_Inh	3.46E-04
783	ALL	362799.3	3766483	NonCancerChronicDerived_Inh	3.44E-04
1626	ALL	363649.3	3766983	NonCancerChronicDerived_Inh	3.44E-04
744	ALL	362799.3	3766458	NonCancerChronicDerived_Inh	3.43E-04
1487	ALL	363249.3	3766908	NonCancerChronicDerived_Inh	3.42E-04
1664	ALL	363574.3	3767008	NonCancerChronicDerived_Inh	3.42E-04
382	ALL	362949.3	3766233	NonCancerChronicDerived_Inh	3.41E-04
820	ALL	362799.3	3766508	NonCancerChronicDerived_Inh	3.41E-04
1663	ALL	363549.3	3767008	NonCancerChronicDerived_Inh	3.41E-04
395	ALL	363274.3	3766233	NonCancerChronicDerived_Inh	3.41E-04
1093	ALL	363649.3	3766658	NonCancerChronicDerived_Inh	3.41E-04
605	ALL	363399.3	3766358	NonCancerChronicDerived_Inh	3.41E-04
352	ALL	363224.3	3766208	NonCancerChronicDerived_Inh	3.39E-04
582	ALL	362824.3	3766358	NonCancerChronicDerived_Inh	3.39E-04
1662	ALL	363524.3	3767008	NonCancerChronicDerived_Inh	3.38E-04
1665	ALL	363599.3	3767008	NonCancerChronicDerived_Inh	3.38E-04
1616	ALL	363399.3	3766983	NonCancerChronicDerived_Inh	3.37E-04
704	ALL	362799.3	3766433	NonCancerChronicDerived_Inh	3.36E-04

978	ALL	362824.3	3766608	NonCancerChronicDerived_Inh	3.36E-04
343	ALL	362999.3	3766208	NonCancerChronicDerived_Inh	3.35E-04
1661	ALL	363499.3	3767008	NonCancerChronicDerived_Inh	3.35E-04
1188	ALL	362949.3	3766733	NonCancerChronicDerived_Inh	3.34E-04
858	ALL	362799.3	3766533	NonCancerChronicDerived_Inh	3.34E-04
461	ALL	362874.3	3766283	NonCancerChronicDerived_Inh	3.33E-04
1666	ALL	363624.3	3767008	NonCancerChronicDerived_Inh	3.30E-04
729	ALL	363449.3	3766433	NonCancerChronicDerived_Inh	3.29E-04
1061	ALL	362849.3	3766658	NonCancerChronicDerived_Inh	3.29E-04
501	ALL	362849.3	3766308	NonCancerChronicDerived_Inh	3.29E-04
1660	ALL	363474.3	3767008	NonCancerChronicDerived_Inh	3.29E-04
421	ALL	362899.3	3766258	NonCancerChronicDerived_Inh	3.28E-04
1359	ALL	363124.3	3766833	NonCancerChronicDerived_Inh	3.28E-04
663	ALL	362799.3	3766408	NonCancerChronicDerived_Inh	3.27E-04
307	ALL	363124.3	3766183	NonCancerChronicDerived_Inh	3.26E-04
1444	ALL	363199.3	3766883	NonCancerChronicDerived_Inh	3.25E-04
306	ALL	363099.3	3766183	NonCancerChronicDerived_Inh	3.25E-04
480	ALL	363349.3	3766283	NonCancerChronicDerived_Inh	3.24E-04
896	ALL	362799.3	3766558	NonCancerChronicDerived_Inh	3.23E-04
1572	ALL	363324.3	3766958	NonCancerChronicDerived_Inh	3.23E-04
308	ALL	363149.3	3766183	NonCancerChronicDerived_Inh	3.23E-04
1667	ALL	363649.3	3767008	NonCancerChronicDerived_Inh	3.21E-04
1316	ALL	363074.3	3766808	NonCancerChronicDerived_Inh	3.21E-04
305	ALL	363074.3	3766183	NonCancerChronicDerived_Inh	3.20E-04
438	ALL	363324.3	3766258	NonCancerChronicDerived_Inh	3.20E-04
1659	ALL	363449.3	3767008	NonCancerChronicDerived_Inh	3.19E-04
522	ALL	363374.3	3766308	NonCancerChronicDerived_Inh	3.19E-04
1615	ALL	363374.3	3766983	NonCancerChronicDerived_Inh	3.19E-04
926	ALL	363574.3	3766558	NonCancerChronicDerived_Inh	3.19E-04
647	ALL	363424.3	3766383	NonCancerChronicDerived_Inh	3.19E-04
1529	ALL	363274.3	3766933	NonCancerChronicDerived_Inh	3.18E-04
1273	ALL	363024.3	3766783	NonCancerChronicDerived_Inh	3.18E-04
769	ALL	363474.3	3766458	NonCancerChronicDerived_Inh	3.18E-04
885	ALL	363549.3	3766533	NonCancerChronicDerived_Inh	3.18E-04
1103	ALL	362874.3	3766683	NonCancerChronicDerived_Inh	3.18E-04
968	ALL	363599.3	3766583	NonCancerChronicDerived_Inh	3.17E-04
342	ALL	362974.3	3766208	NonCancerChronicDerived_Inh	3.17E-04
353	ALL	363249.3	3766208	NonCancerChronicDerived_Inh	3.17E-04
541	ALL	362824.3	3766333	NonCancerChronicDerived_Inh	3.17E-04
381	ALL	362924.3	3766233	NonCancerChronicDerived_Inh	3.16E-04
846	ALL	363524.3	3766508	NonCancerChronicDerived_Inh	3.15E-04
309	ALL	363174.3	3766183	NonCancerChronicDerived_Inh	3.15E-04
807	ALL	363499.3	3766483	NonCancerChronicDerived_Inh	3.14E-04
1230	ALL	362974.3	3766758	NonCancerChronicDerived_Inh	3.14E-04
622	ALL	362799.3	3766383	NonCancerChronicDerived_Inh	3.14E-04
1019	ALL	362824.3	3766633	NonCancerChronicDerived_Inh	3.13E-04
1145	ALL	362899.3	3766708	NonCancerChronicDerived_Inh	3.13E-04
1010	ALL	363624.3	3766608	NonCancerChronicDerived_Inh	3.13E-04
304	ALL	363049.3	3766183	NonCancerChronicDerived_Inh	3.12E-04
396	ALL	363299.3	3766233	NonCancerChronicDerived_Inh	3.09E-04
936	ALL	362799.3	3766583	NonCancerChronicDerived_Inh	3.09E-04
1401	ALL	363149.3	3766858	NonCancerChronicDerived_Inh	3.08E-04
564	ALL	363399.3	3766333	NonCancerChronicDerived_Inh	3.08E-04
1658	ALL	363424.3	3767008	NonCancerChronicDerived_Inh	3.07E-04
1486	ALL	363224.3	3766908	NonCancerChronicDerived_Inh	3.07E-04
1052	ALL	363649.3	3766633	NonCancerChronicDerived_Inh	3.06E-04
310	ALL	363199.3	3766183	NonCancerChronicDerived_Inh	3.04E-04
303	ALL	363024.3	3766183	NonCancerChronicDerived_Inh	3.02E-04
1187	ALL	362924.3	3766733	NonCancerChronicDerived_Inh	3.01E-04
460	ALL	362849.3	3766283	NonCancerChronicDerived_Inh	3.00E-04
420	ALL	362874.3	3766258	NonCancerChronicDerived_Inh	2.99E-04
1614	ALL	363349.3	3766983	NonCancerChronicDerived_Inh	2.98E-04
581	ALL	362799.3	3766358	NonCancerChronicDerived_Inh	2.98E-04
341	ALL	362949.3	3766208	NonCancerChronicDerived_Inh	2.98E-04
782	ALL	362774.3	3766483	NonCancerChronicDerived_Inh	2.97E-04
689	ALL	363449.3	3766408	NonCancerChronicDerived_Inh	2.97E-04
743	ALL	362774.3	3766458	NonCancerChronicDerived_Inh	2.97E-04
1571	ALL	363299.3	3766958	NonCancerChronicDerived_Inh	2.96E-04
1358	ALL	363099.3	3766833	NonCancerChronicDerived_Inh	2.96E-04
819	ALL	362774.3	3766508	NonCancerChronicDerived_Inh	2.95E-04
500	ALL	362824.3	3766308	NonCancerChronicDerived_Inh	2.94E-04
354	ALL	363274.3	3766208	NonCancerChronicDerived_Inh	2.93E-04
1315	ALL	363049.3	3766808	NonCancerChronicDerived_Inh	2.93E-04
703	ALL	362774.3	3766433	NonCancerChronicDerived_Inh	2.92E-04
1657	ALL	363399.3	3767008	NonCancerChronicDerived_Inh	2.92E-04
977	ALL	362799.3	3766608	NonCancerChronicDerived_Inh	2.92E-04
380	ALL	362899.3	3766233	NonCancerChronicDerived_Inh	2.92E-04
606	ALL	363424.3	3766358	NonCancerChronicDerived_Inh	2.91E-04
1443	ALL	363174.3	3766883	NonCancerChronicDerived_Inh	2.91E-04
1272	ALL	362999.3	3766783	NonCancerChronicDerived_Inh	2.90E-04
302	ALL	362999.3	3766183	NonCancerChronicDerived_Inh	2.89E-04

311	ALL	363224.3	3766183	NonCancerChronicDerived_Inh	2.89E-04
1528	ALL	363249.3	3766933	NonCancerChronicDerived_Inh	2.89E-04
857	ALL	362774.3	3766533	NonCancerChronicDerived_Inh	2.89E-04
1060	ALL	362824.3	3766658	NonCancerChronicDerived_Inh	2.89E-04
662	ALL	362774.3	3766408	NonCancerChronicDerived_Inh	2.85E-04
439	ALL	363349.3	3766258	NonCancerChronicDerived_Inh	2.85E-04
481	ALL	363374.3	3766283	NonCancerChronicDerived_Inh	2.84E-04
1229	ALL	362949.3	3766758	NonCancerChronicDerived_Inh	2.83E-04
730	ALL	363474.3	3766433	NonCancerChronicDerived_Inh	2.81E-04
540	ALL	362799.3	3766333	NonCancerChronicDerived_Inh	2.81E-04
1102	ALL	362849.3	3766683	NonCancerChronicDerived_Inh	2.80E-04
895	ALL	362774.3	3766558	NonCancerChronicDerived_Inh	2.80E-04
397	ALL	363324.3	3766233	NonCancerChronicDerived_Inh	2.80E-04
340	ALL	362924.3	3766208	NonCancerChronicDerived_Inh	2.79E-04
1144	ALL	362874.3	3766708	NonCancerChronicDerived_Inh	2.79E-04
523	ALL	363399.3	3766308	NonCancerChronicDerived_Inh	2.78E-04
266	ALL	363124.3	3766158	NonCancerChronicDerived_Inh	2.78E-04
265	ALL	363099.3	3766158	NonCancerChronicDerived_Inh	2.77E-04
1400	ALL	363124.3	3766858	NonCancerChronicDerived_Inh	2.76E-04
1613	ALL	363324.3	3766983	NonCancerChronicDerived_Inh	2.76E-04
301	ALL	362974.3	3766183	NonCancerChronicDerived_Inh	2.76E-04
621	ALL	362774.3	3766383	NonCancerChronicDerived_Inh	2.76E-04
1656	ALL	363374.3	3767008	NonCancerChronicDerived_Inh	2.75E-04
267	ALL	363149.3	3766158	NonCancerChronicDerived_Inh	2.75E-04
1485	ALL	363199.3	3766908	NonCancerChronicDerived_Inh	2.75E-04
1018	ALL	362799.3	3766633	NonCancerChronicDerived_Inh	2.74E-04
264	ALL	363074.3	3766158	NonCancerChronicDerived_Inh	2.74E-04
927	ALL	363599.3	3766558	NonCancerChronicDerived_Inh	2.74E-04
969	ALL	363624.3	3766583	NonCancerChronicDerived_Inh	2.73E-04
419	ALL	362849.3	3766258	NonCancerChronicDerived_Inh	2.73E-04
648	ALL	363449.3	3766383	NonCancerChronicDerived_Inh	2.73E-04
312	ALL	363249.3	3766183	NonCancerChronicDerived_Inh	2.73E-04
770	ALL	363499.3	3766458	NonCancerChronicDerived_Inh	2.72E-04
886	ALL	363574.3	3766533	NonCancerChronicDerived_Inh	2.72E-04
1186	ALL	362899.3	3766733	NonCancerChronicDerived_Inh	2.71E-04
1011	ALL	363649.3	3766608	NonCancerChronicDerived_Inh	2.71E-04
459	ALL	362824.3	3766283	NonCancerChronicDerived_Inh	2.71E-04
1570	ALL	363274.3	3766958	NonCancerChronicDerived_Inh	2.71E-04
847	ALL	363549.3	3766508	NonCancerChronicDerived_Inh	2.70E-04
1357	ALL	363074.3	3766833	NonCancerChronicDerived_Inh	2.70E-04
808	ALL	363524.3	3766483	NonCancerChronicDerived_Inh	2.70E-04
268	ALL	363174.3	3766158	NonCancerChronicDerived_Inh	2.69E-04
379	ALL	362874.3	3766233	NonCancerChronicDerived_Inh	2.69E-04
355	ALL	363299.3	3766208	NonCancerChronicDerived_Inh	2.69E-04
935	ALL	362774.3	3766583	NonCancerChronicDerived_Inh	2.69E-04
263	ALL	363049.3	3766158	NonCancerChronicDerived_Inh	2.69E-04
1314	ALL	363024.3	3766808	NonCancerChronicDerived_Inh	2.68E-04
565	ALL	363424.3	3766333	NonCancerChronicDerived_Inh	2.66E-04
1271	ALL	362974.3	3766783	NonCancerChronicDerived_Inh	2.66E-04
580	ALL	362774.3	3766358	NonCancerChronicDerived_Inh	2.64E-04
499	ALL	362799.3	3766308	NonCancerChronicDerived_Inh	2.63E-04
300	ALL	362949.3	3766183	NonCancerChronicDerived_Inh	2.61E-04
262	ALL	363024.3	3766158	NonCancerChronicDerived_Inh	2.61E-04
269	ALL	363199.3	3766158	NonCancerChronicDerived_Inh	2.61E-04
1442	ALL	363149.3	3766883	NonCancerChronicDerived_Inh	2.60E-04
339	ALL	362899.3	3766208	NonCancerChronicDerived_Inh	2.60E-04
1527	ALL	363224.3	3766933	NonCancerChronicDerived_Inh	2.60E-04
781	ALL	362749.3	3766483	NonCancerChronicDerived_Inh	2.59E-04
742	ALL	362749.3	3766458	NonCancerChronicDerived_Inh	2.59E-04
1228	ALL	362924.3	3766758	NonCancerChronicDerived_Inh	2.58E-04
1655	ALL	363349.3	3767008	NonCancerChronicDerived_Inh	2.57E-04
818	ALL	362749.3	3766508	NonCancerChronicDerived_Inh	2.57E-04
702	ALL	362749.3	3766433	NonCancerChronicDerived_Inh	2.56E-04
976	ALL	362774.3	3766608	NonCancerChronicDerived_Inh	2.56E-04
1059	ALL	362799.3	3766658	NonCancerChronicDerived_Inh	2.56E-04
690	ALL	363474.3	3766408	NonCancerChronicDerived_Inh	2.56E-04
313	ALL	363274.3	3766183	NonCancerChronicDerived_Inh	2.54E-04
1612	ALL	363299.3	3766983	NonCancerChronicDerived_Inh	2.54E-04
440	ALL	363374.3	3766258	NonCancerChronicDerived_Inh	2.53E-04
261	ALL	362999.3	3766158	NonCancerChronicDerived_Inh	2.52E-04
856	ALL	362749.3	3766533	NonCancerChronicDerived_Inh	2.52E-04
398	ALL	363349.3	3766233	NonCancerChronicDerived_Inh	2.52E-04
607	ALL	363449.3	3766358	NonCancerChronicDerived_Inh	2.51E-04
661	ALL	362749.3	3766408	NonCancerChronicDerived_Inh	2.51E-04
1399	ALL	363099.3	3766858	NonCancerChronicDerived_Inh	2.51E-04
539	ALL	362774.3	3766333	NonCancerChronicDerived_Inh	2.51E-04
482	ALL	363399.3	3766283	NonCancerChronicDerived_Inh	2.50E-04
270	ALL	363224.3	3766158	NonCancerChronicDerived_Inh	2.50E-04
1101	ALL	362824.3	3766683	NonCancerChronicDerived_Inh	2.49E-04
418	ALL	362824.3	3766258	NonCancerChronicDerived_Inh	2.48E-04
1143	ALL	362849.3	3766708	NonCancerChronicDerived_Inh	2.48E-04

1356	ALL	363049.3	3766833	NonCancerChronicDerived_Inh	2.48E-04
378	ALL	362849.3	3766233	NonCancerChronicDerived_Inh	2.47E-04
299	ALL	362924.3	3766183	NonCancerChronicDerived_Inh	2.47E-04
1313	ALL	362999.3	3766808	NonCancerChronicDerived_Inh	2.47E-04
1484	ALL	363174.3	3766908	NonCancerChronicDerived_Inh	2.46E-04
1569	ALL	363249.3	3766958	NonCancerChronicDerived_Inh	2.46E-04
356	ALL	363324.3	3766208	NonCancerChronicDerived_Inh	2.46E-04
894	ALL	362749.3	3766558	NonCancerChronicDerived_Inh	2.45E-04
458	ALL	362799.3	3766283	NonCancerChronicDerived_Inh	2.45E-04
1185	ALL	362874.3	3766733	NonCancerChronicDerived_Inh	2.44E-04
620	ALL	362749.3	3766383	NonCancerChronicDerived_Inh	2.44E-04
1270	ALL	362949.3	3766783	NonCancerChronicDerived_Inh	2.43E-04
731	ALL	363499.3	3766433	NonCancerChronicDerived_Inh	2.43E-04
524	ALL	363424.3	3766308	NonCancerChronicDerived_Inh	2.43E-04
1017	ALL	362774.3	3766633	NonCancerChronicDerived_Inh	2.42E-04
260	ALL	362974.3	3766158	NonCancerChronicDerived_Inh	2.42E-04
338	ALL	362874.3	3766208	NonCancerChronicDerived_Inh	2.42E-04
225	ALL	363124.3	3766133	NonCancerChronicDerived_Inh	2.40E-04
224	ALL	363099.3	3766133	NonCancerChronicDerived_Inh	2.40E-04
1654	ALL	363324.3	3767008	NonCancerChronicDerived_Inh	2.39E-04
223	ALL	363074.3	3766133	NonCancerChronicDerived_Inh	2.37E-04
226	ALL	363149.3	3766133	NonCancerChronicDerived_Inh	2.37E-04
970	ALL	363649.3	3766583	NonCancerChronicDerived_Inh	2.37E-04
928	ALL	363624.3	3766558	NonCancerChronicDerived_Inh	2.37E-04
271	ALL	363249.3	3766158	NonCancerChronicDerived_Inh	2.37E-04
498	ALL	362774.3	3766308	NonCancerChronicDerived_Inh	2.36E-04
1227	ALL	362899.3	3766758	NonCancerChronicDerived_Inh	2.36E-04
771	ALL	363524.3	3766458	NonCancerChronicDerived_Inh	2.36E-04
934	ALL	362749.3	3766583	NonCancerChronicDerived_Inh	2.36E-04
887	ALL	363599.3	3766533	NonCancerChronicDerived_Inh	2.36E-04
649	ALL	363474.3	3766383	NonCancerChronicDerived_Inh	2.36E-04
1441	ALL	363124.3	3766883	NonCancerChronicDerived_Inh	2.35E-04
314	ALL	363299.3	3766183	NonCancerChronicDerived_Inh	2.35E-04
579	ALL	362749.3	3766358	NonCancerChronicDerived_Inh	2.35E-04
848	ALL	363574.3	3766508	NonCancerChronicDerived_Inh	2.34E-04
1526	ALL	363199.3	3766933	NonCancerChronicDerived_Inh	2.34E-04
809	ALL	363549.3	3766483	NonCancerChronicDerived_Inh	2.34E-04
222	ALL	363049.3	3766133	NonCancerChronicDerived_Inh	2.33E-04
227	ALL	363174.3	3766133	NonCancerChronicDerived_Inh	2.33E-04
1611	ALL	363274.3	3766983	NonCancerChronicDerived_Inh	2.32E-04
298	ALL	362899.3	3766183	NonCancerChronicDerived_Inh	2.32E-04
566	ALL	363449.3	3766333	NonCancerChronicDerived_Inh	2.32E-04
259	ALL	362949.3	3766158	NonCancerChronicDerived_Inh	2.31E-04
1398	ALL	363074.3	3766858	NonCancerChronicDerived_Inh	2.30E-04
1355	ALL	363024.3	3766833	NonCancerChronicDerived_Inh	2.28E-04
741	ALL	362724.3	3766458	NonCancerChronicDerived_Inh	2.28E-04
780	ALL	362724.3	3766483	NonCancerChronicDerived_Inh	2.28E-04
221	ALL	363024.3	3766133	NonCancerChronicDerived_Inh	2.28E-04
1312	ALL	362974.3	3766808	NonCancerChronicDerived_Inh	2.28E-04
377	ALL	362824.3	3766233	NonCancerChronicDerived_Inh	2.27E-04
1058	ALL	362774.3	3766658	NonCancerChronicDerived_Inh	2.27E-04
417	ALL	362799.3	3766258	NonCancerChronicDerived_Inh	2.27E-04
399	ALL	363374.3	3766233	NonCancerChronicDerived_Inh	2.26E-04
701	ALL	362724.3	3766433	NonCancerChronicDerived_Inh	2.26E-04
228	ALL	363199.3	3766133	NonCancerChronicDerived_Inh	2.26E-04
441	ALL	363399.3	3766258	NonCancerChronicDerived_Inh	2.26E-04
975	ALL	362749.3	3766608	NonCancerChronicDerived_Inh	2.26E-04
817	ALL	362724.3	3766508	NonCancerChronicDerived_Inh	2.26E-04
538	ALL	362749.3	3766333	NonCancerChronicDerived_Inh	2.24E-04
337	ALL	362849.3	3766208	NonCancerChronicDerived_Inh	2.24E-04
1269	ALL	362924.3	3766783	NonCancerChronicDerived_Inh	2.24E-04
1100	ALL	362799.3	3766683	NonCancerChronicDerived_Inh	2.24E-04
357	ALL	363349.3	3766208	NonCancerChronicDerived_Inh	2.23E-04
1568	ALL	363224.3	3766958	NonCancerChronicDerived_Inh	2.23E-04
1483	ALL	363149.3	3766908	NonCancerChronicDerived_Inh	2.23E-04
272	ALL	363274.3	3766158	NonCancerChronicDerived_Inh	2.22E-04
660	ALL	362724.3	3766408	NonCancerChronicDerived_Inh	2.22E-04
1142	ALL	362824.3	3766708	NonCancerChronicDerived_Inh	2.22E-04
691	ALL	363499.3	3766408	NonCancerChronicDerived_Inh	2.22E-04
855	ALL	362724.3	3766533	NonCancerChronicDerived_Inh	2.22E-04
457	ALL	362774.3	3766283	NonCancerChronicDerived_Inh	2.22E-04
483	ALL	363424.3	3766283	NonCancerChronicDerived_Inh	2.21E-04
220	ALL	362999.3	3766133	NonCancerChronicDerived_Inh	2.21E-04
1653	ALL	363299.3	3767008	NonCancerChronicDerived_Inh	2.20E-04
1184	ALL	362849.3	3766733	NonCancerChronicDerived_Inh	2.19E-04
258	ALL	362924.3	3766158	NonCancerChronicDerived_Inh	2.19E-04
608	ALL	363474.3	3766358	NonCancerChronicDerived_Inh	2.19E-04
229	ALL	363224.3	3766133	NonCancerChronicDerived_Inh	2.18E-04
297	ALL	362874.3	3766183	NonCancerChronicDerived_Inh	2.17E-04
315	ALL	363324.3	3766183	NonCancerChronicDerived_Inh	2.17E-04
619	ALL	362724.3	3766383	NonCancerChronicDerived_Inh	2.17E-04

893	ALL	362724.3	3766558	NonCancerChronicDerived_Inh	2.16E-04
1440	ALL	363099.3	3766883	NonCancerChronicDerived_Inh	2.15E-04
1016	ALL	362749.3	3766633	NonCancerChronicDerived_Inh	2.15E-04
1226	ALL	362874.3	3766758	NonCancerChronicDerived_Inh	2.14E-04
525	ALL	363449.3	3766308	NonCancerChronicDerived_Inh	2.14E-04
219	ALL	362974.3	3766133	NonCancerChronicDerived_Inh	2.13E-04
497	ALL	362749.3	3766308	NonCancerChronicDerived_Inh	2.13E-04
1397	ALL	363049.3	3766858	NonCancerChronicDerived_Inh	2.12E-04
1610	ALL	363249.3	3766983	NonCancerChronicDerived_Inh	2.12E-04
732	ALL	363524.3	3766433	NonCancerChronicDerived_Inh	2.12E-04
1525	ALL	363174.3	3766933	NonCancerChronicDerived_Inh	2.11E-04
1354	ALL	362999.3	3766833	NonCancerChronicDerived_Inh	2.11E-04
578	ALL	362724.3	3766358	NonCancerChronicDerived_Inh	2.10E-04
1311	ALL	362949.3	3766808	NonCancerChronicDerived_Inh	2.10E-04
376	ALL	362799.3	3766233	NonCancerChronicDerived_Inh	2.09E-04
183	ALL	363099.3	3766108	NonCancerChronicDerived_Inh	2.09E-04
933	ALL	362724.3	3766583	NonCancerChronicDerived_Inh	2.09E-04
184	ALL	363124.3	3766108	NonCancerChronicDerived_Inh	2.09E-04
336	ALL	362824.3	3766208	NonCancerChronicDerived_Inh	2.08E-04
273	ALL	363299.3	3766158	NonCancerChronicDerived_Inh	2.08E-04
257	ALL	362899.3	3766158	NonCancerChronicDerived_Inh	2.07E-04
182	ALL	363074.3	3766108	NonCancerChronicDerived_Inh	2.07E-04
230	ALL	363249.3	3766133	NonCancerChronicDerived_Inh	2.07E-04
929	ALL	363649.3	3766558	NonCancerChronicDerived_Inh	2.07E-04
185	ALL	363149.3	3766108	NonCancerChronicDerived_Inh	2.07E-04
416	ALL	362774.3	3766258	NonCancerChronicDerived_Inh	2.07E-04
772	ALL	363549.3	3766458	NonCancerChronicDerived_Inh	2.06E-04
1268	ALL	362899.3	3766783	NonCancerChronicDerived_Inh	2.06E-04
888	ALL	363624.3	3766533	NonCancerChronicDerived_Inh	2.06E-04
650	ALL	363499.3	3766383	NonCancerChronicDerived_Inh	2.06E-04
181	ALL	363049.3	3766108	NonCancerChronicDerived_Inh	2.05E-04
218	ALL	362949.3	3766133	NonCancerChronicDerived_Inh	2.05E-04
849	ALL	363599.3	3766508	NonCancerChronicDerived_Inh	2.04E-04
810	ALL	363574.3	3766483	NonCancerChronicDerived_Inh	2.04E-04
400	ALL	363399.3	3766233	NonCancerChronicDerived_Inh	2.04E-04
567	ALL	363474.3	3766333	NonCancerChronicDerived_Inh	2.03E-04
296	ALL	362849.3	3766183	NonCancerChronicDerived_Inh	2.03E-04
186	ALL	363174.3	3766108	NonCancerChronicDerived_Inh	2.03E-04
358	ALL	363374.3	3766208	NonCancerChronicDerived_Inh	2.03E-04
1057	ALL	362749.3	3766658	NonCancerChronicDerived_Inh	2.03E-04
740	ALL	362699.3	3766458	NonCancerChronicDerived_Inh	2.02E-04
1482	ALL	363124.3	3766908	NonCancerChronicDerived_Inh	2.02E-04
779	ALL	362699.3	3766483	NonCancerChronicDerived_Inh	2.02E-04
537	ALL	362724.3	3766333	NonCancerChronicDerived_Inh	2.02E-04
442	ALL	363424.3	3766258	NonCancerChronicDerived_Inh	2.02E-04
1652	ALL	363274.3	3767008	NonCancerChronicDerived_Inh	2.02E-04
1567	ALL	363199.3	3766958	NonCancerChronicDerived_Inh	2.01E-04
700	ALL	362699.3	3766433	NonCancerChronicDerived_Inh	2.01E-04
456	ALL	362749.3	3766283	NonCancerChronicDerived_Inh	2.01E-04
974	ALL	362724.3	3766608	NonCancerChronicDerived_Inh	2.00E-04
180	ALL	363024.3	3766108	NonCancerChronicDerived_Inh	2.00E-04
816	ALL	362699.3	3766508	NonCancerChronicDerived_Inh	2.00E-04
1099	ALL	362774.3	3766683	NonCancerChronicDerived_Inh	2.00E-04
1141	ALL	362799.3	3766708	NonCancerChronicDerived_Inh	2.00E-04
316	ALL	363349.3	3766183	NonCancerChronicDerived_Inh	1.99E-04
659	ALL	362699.3	3766408	NonCancerChronicDerived_Inh	1.98E-04
1183	ALL	362824.3	3766733	NonCancerChronicDerived_Inh	1.98E-04
187	ALL	363199.3	3766108	NonCancerChronicDerived_Inh	1.98E-04
1439	ALL	363074.3	3766883	NonCancerChronicDerived_Inh	1.98E-04
854	ALL	362699.3	3766533	NonCancerChronicDerived_Inh	1.97E-04
484	ALL	363449.3	3766283	NonCancerChronicDerived_Inh	1.97E-04
1396	ALL	363024.3	3766858	NonCancerChronicDerived_Inh	1.96E-04
1353	ALL	362974.3	3766833	NonCancerChronicDerived_Inh	1.96E-04
231	ALL	363274.3	3766133	NonCancerChronicDerived_Inh	1.96E-04
256	ALL	362874.3	3766158	NonCancerChronicDerived_Inh	1.96E-04
217	ALL	362924.3	3766133	NonCancerChronicDerived_Inh	1.95E-04
179	ALL	362999.3	3766108	NonCancerChronicDerived_Inh	1.95E-04
1310	ALL	362924.3	3766808	NonCancerChronicDerived_Inh	1.94E-04
692	ALL	363524.3	3766408	NonCancerChronicDerived_Inh	1.94E-04
1225	ALL	362849.3	3766758	NonCancerChronicDerived_Inh	1.94E-04
618	ALL	362699.3	3766383	NonCancerChronicDerived_Inh	1.94E-04
274	ALL	363324.3	3766158	NonCancerChronicDerived_Inh	1.93E-04
496	ALL	362724.3	3766308	NonCancerChronicDerived_Inh	1.93E-04
1609	ALL	363224.3	3766983	NonCancerChronicDerived_Inh	1.93E-04
335	ALL	362799.3	3766208	NonCancerChronicDerived_Inh	1.93E-04
375	ALL	362774.3	3766233	NonCancerChronicDerived_Inh	1.92E-04
1524	ALL	363149.3	3766933	NonCancerChronicDerived_Inh	1.92E-04
609	ALL	363499.3	3766358	NonCancerChronicDerived_Inh	1.92E-04
892	ALL	362699.3	3766558	NonCancerChronicDerived_Inh	1.92E-04
1015	ALL	362724.3	3766633	NonCancerChronicDerived_Inh	1.91E-04
188	ALL	363224.3	3766108	NonCancerChronicDerived_Inh	1.91E-04

295	ALL	362824.3	3766183	NonCancerChronicDerived_Inh	1.90E-04
415	ALL	362749.3	3766258	NonCancerChronicDerived_Inh	1.89E-04
178	ALL	362974.3	3766108	NonCancerChronicDerived_Inh	1.89E-04
526	ALL	363474.3	3766308	NonCancerChronicDerived_Inh	1.89E-04
577	ALL	362699.3	3766358	NonCancerChronicDerived_Inh	1.89E-04
1267	ALL	362874.3	3766783	NonCancerChronicDerived_Inh	1.88E-04
216	ALL	362899.3	3766133	NonCancerChronicDerived_Inh	1.86E-04
733	ALL	363549.3	3766433	NonCancerChronicDerived_Inh	1.86E-04
932	ALL	362699.3	3766583	NonCancerChronicDerived_Inh	1.86E-04
1481	ALL	363099.3	3766908	NonCancerChronicDerived_Inh	1.86E-04
255	ALL	362849.3	3766158	NonCancerChronicDerived_Inh	1.84E-04
359	ALL	363399.3	3766208	NonCancerChronicDerived_Inh	1.84E-04
1651	ALL	363249.3	3767008	NonCancerChronicDerived_Inh	1.84E-04
232	ALL	363299.3	3766133	NonCancerChronicDerived_Inh	1.84E-04
401	ALL	363424.3	3766233	NonCancerChronicDerived_Inh	1.84E-04
142	ALL	363099.3	3766083	NonCancerChronicDerived_Inh	1.84E-04
143	ALL	363124.3	3766083	NonCancerChronicDerived_Inh	1.83E-04
455	ALL	362724.3	3766283	NonCancerChronicDerived_Inh	1.83E-04
189	ALL	363249.3	3766108	NonCancerChronicDerived_Inh	1.83E-04
1566	ALL	363174.3	3766958	NonCancerChronicDerived_Inh	1.83E-04
1395	ALL	362999.3	3766858	NonCancerChronicDerived_Inh	1.83E-04
1438	ALL	363049.3	3766883	NonCancerChronicDerived_Inh	1.83E-04
141	ALL	363074.3	3766083	NonCancerChronicDerived_Inh	1.83E-04
317	ALL	363374.3	3766183	NonCancerChronicDerived_Inh	1.83E-04
177	ALL	362949.3	3766108	NonCancerChronicDerived_Inh	1.82E-04
536	ALL	362699.3	3766333	NonCancerChronicDerived_Inh	1.82E-04
1352	ALL	362949.3	3766833	NonCancerChronicDerived_Inh	1.82E-04
144	ALL	363149.3	3766083	NonCancerChronicDerived_Inh	1.82E-04
1056	ALL	362724.3	3766658	NonCancerChronicDerived_Inh	1.82E-04
773	ALL	363574.3	3766458	NonCancerChronicDerived_Inh	1.82E-04
889	ALL	363649.3	3766533	NonCancerChronicDerived_Inh	1.81E-04
739	ALL	362674.3	3766458	NonCancerChronicDerived_Inh	1.81E-04
651	ALL	363524.3	3766383	NonCancerChronicDerived_Inh	1.81E-04
140	ALL	363049.3	3766083	NonCancerChronicDerived_Inh	1.81E-04
443	ALL	363449.3	3766258	NonCancerChronicDerived_Inh	1.81E-04
778	ALL	362674.3	3766483	NonCancerChronicDerived_Inh	1.80E-04
699	ALL	362674.3	3766433	NonCancerChronicDerived_Inh	1.80E-04
850	ALL	363624.3	3766508	NonCancerChronicDerived_Inh	1.80E-04
811	ALL	363599.3	3766483	NonCancerChronicDerived_Inh	1.80E-04
1140	ALL	362774.3	3766708	NonCancerChronicDerived_Inh	1.80E-04
1309	ALL	362899.3	3766808	NonCancerChronicDerived_Inh	1.80E-04
568	ALL	363499.3	3766333	NonCancerChronicDerived_Inh	1.79E-04
1182	ALL	362799.3	3766733	NonCancerChronicDerived_Inh	1.79E-04
973	ALL	362699.3	3766608	NonCancerChronicDerived_Inh	1.79E-04
145	ALL	363174.3	3766083	NonCancerChronicDerived_Inh	1.79E-04
1098	ALL	362749.3	3766683	NonCancerChronicDerived_Inh	1.79E-04
815	ALL	362674.3	3766508	NonCancerChronicDerived_Inh	1.78E-04
275	ALL	363349.3	3766158	NonCancerChronicDerived_Inh	1.78E-04
334	ALL	362774.3	3766208	NonCancerChronicDerived_Inh	1.78E-04
658	ALL	362674.3	3766408	NonCancerChronicDerived_Inh	1.78E-04
139	ALL	363024.3	3766083	NonCancerChronicDerived_Inh	1.78E-04
294	ALL	362799.3	3766183	NonCancerChronicDerived_Inh	1.77E-04
374	ALL	362749.3	3766233	NonCancerChronicDerived_Inh	1.77E-04
215	ALL	362874.3	3766133	NonCancerChronicDerived_Inh	1.77E-04
1224	ALL	362824.3	3766758	NonCancerChronicDerived_Inh	1.77E-04
853	ALL	362674.3	3766533	NonCancerChronicDerived_Inh	1.76E-04
1523	ALL	363124.3	3766933	NonCancerChronicDerived_Inh	1.75E-04
176	ALL	362924.3	3766108	NonCancerChronicDerived_Inh	1.75E-04
485	ALL	363474.3	3766283	NonCancerChronicDerived_Inh	1.75E-04
1608	ALL	363199.3	3766983	NonCancerChronicDerived_Inh	1.75E-04
495	ALL	362699.3	3766308	NonCancerChronicDerived_Inh	1.75E-04
146	ALL	363199.3	3766083	NonCancerChronicDerived_Inh	1.75E-04
617	ALL	362674.3	3766383	NonCancerChronicDerived_Inh	1.75E-04
190	ALL	363274.3	3766108	NonCancerChronicDerived_Inh	1.74E-04
138	ALL	362999.3	3766083	NonCancerChronicDerived_Inh	1.73E-04
254	ALL	362824.3	3766158	NonCancerChronicDerived_Inh	1.73E-04
414	ALL	362724.3	3766258	NonCancerChronicDerived_Inh	1.73E-04
233	ALL	363324.3	3766133	NonCancerChronicDerived_Inh	1.72E-04
1266	ALL	362849.3	3766783	NonCancerChronicDerived_Inh	1.72E-04
1014	ALL	362699.3	3766633	NonCancerChronicDerived_Inh	1.72E-04
693	ALL	363549.3	3766408	NonCancerChronicDerived_Inh	1.72E-04
891	ALL	362674.3	3766558	NonCancerChronicDerived_Inh	1.72E-04
1480	ALL	363074.3	3766908	NonCancerChronicDerived_Inh	1.71E-04
576	ALL	362674.3	3766358	NonCancerChronicDerived_Inh	1.70E-04
1394	ALL	362974.3	3766858	NonCancerChronicDerived_Inh	1.70E-04
1437	ALL	363024.3	3766883	NonCancerChronicDerived_Inh	1.70E-04
610	ALL	363524.3	3766358	NonCancerChronicDerived_Inh	1.70E-04
147	ALL	363224.3	3766083	NonCancerChronicDerived_Inh	1.69E-04
1351	ALL	362924.3	3766833	NonCancerChronicDerived_Inh	1.69E-04
137	ALL	362974.3	3766083	NonCancerChronicDerived_Inh	1.69E-04
1650	ALL	363224.3	3767008	NonCancerChronicDerived_Inh	1.68E-04

527	ALL	363499.3	3766308	NonCancerChronicDerived_Inh	1.68E-04
175	ALL	362899.3	3766108	NonCancerChronicDerived_Inh	1.68E-04
214	ALL	362849.3	3766133	NonCancerChronicDerived_Inh	1.68E-04
360	ALL	363424.3	3766208	NonCancerChronicDerived_Inh	1.68E-04
454	ALL	362699.3	3766283	NonCancerChronicDerived_Inh	1.67E-04
318	ALL	363399.3	3766183	NonCancerChronicDerived_Inh	1.67E-04
1565	ALL	363149.3	3766958	NonCancerChronicDerived_Inh	1.67E-04
931	ALL	362674.3	3766583	NonCancerChronicDerived_Inh	1.67E-04
402	ALL	363449.3	3766233	NonCancerChronicDerived_Inh	1.66E-04
1308	ALL	362874.3	3766808	NonCancerChronicDerived_Inh	1.66E-04
535	ALL	362674.3	3766333	NonCancerChronicDerived_Inh	1.65E-04
333	ALL	362749.3	3766208	NonCancerChronicDerived_Inh	1.65E-04
293	ALL	362774.3	3766183	NonCancerChronicDerived_Inh	1.65E-04
734	ALL	363574.3	3766433	NonCancerChronicDerived_Inh	1.65E-04
276	ALL	363374.3	3766158	NonCancerChronicDerived_Inh	1.65E-04
191	ALL	363299.3	3766108	NonCancerChronicDerived_Inh	1.64E-04
136	ALL	362949.3	3766083	NonCancerChronicDerived_Inh	1.63E-04
373	ALL	362724.3	3766233	NonCancerChronicDerived_Inh	1.63E-04
101	ALL	363099.3	3766058	NonCancerChronicDerived_Inh	1.63E-04
253	ALL	362799.3	3766158	NonCancerChronicDerived_Inh	1.63E-04
148	ALL	363249.3	3766083	NonCancerChronicDerived_Inh	1.63E-04
1139	ALL	362749.3	3766708	NonCancerChronicDerived_Inh	1.62E-04
102	ALL	363124.3	3766058	NonCancerChronicDerived_Inh	1.62E-04
738	ALL	362649.3	3766458	NonCancerChronicDerived_Inh	1.62E-04
1181	ALL	362774.3	3766733	NonCancerChronicDerived_Inh	1.62E-04
100	ALL	363074.3	3766058	NonCancerChronicDerived_Inh	1.62E-04
444	ALL	363474.3	3766258	NonCancerChronicDerived_Inh	1.62E-04
698	ALL	362649.3	3766433	NonCancerChronicDerived_Inh	1.62E-04
777	ALL	362649.3	3766483	NonCancerChronicDerived_Inh	1.62E-04
1522	ALL	363099.3	3766933	NonCancerChronicDerived_Inh	1.62E-04
1055	ALL	362699.3	3766658	NonCancerChronicDerived_Inh	1.62E-04
1223	ALL	362799.3	3766758	NonCancerChronicDerived_Inh	1.62E-04
103	ALL	363149.3	3766058	NonCancerChronicDerived_Inh	1.61E-04
774	ALL	363599.3	3766458	NonCancerChronicDerived_Inh	1.61E-04
972	ALL	362674.3	3766608	NonCancerChronicDerived_Inh	1.61E-04
1097	ALL	362724.3	3766683	NonCancerChronicDerived_Inh	1.61E-04
99	ALL	363049.3	3766058	NonCancerChronicDerived_Inh	1.61E-04
234	ALL	363349.3	3766133	NonCancerChronicDerived_Inh	1.60E-04
657	ALL	362649.3	3766408	NonCancerChronicDerived_Inh	1.60E-04
652	ALL	363549.3	3766383	NonCancerChronicDerived_Inh	1.60E-04
814	ALL	362649.3	3766508	NonCancerChronicDerived_Inh	1.60E-04
174	ALL	362874.3	3766108	NonCancerChronicDerived_Inh	1.60E-04
1607	ALL	363174.3	3766983	NonCancerChronicDerived_Inh	1.60E-04
494	ALL	362674.3	3766308	NonCancerChronicDerived_Inh	1.59E-04
569	ALL	363524.3	3766333	NonCancerChronicDerived_Inh	1.59E-04
812	ALL	363624.3	3766483	NonCancerChronicDerived_Inh	1.59E-04
851	ALL	363649.3	3766508	NonCancerChronicDerived_Inh	1.59E-04
1479	ALL	363049.3	3766908	NonCancerChronicDerived_Inh	1.59E-04
413	ALL	362699.3	3766258	NonCancerChronicDerived_Inh	1.59E-04
1436	ALL	362999.3	3766883	NonCancerChronicDerived_Inh	1.59E-04
1393	ALL	362949.3	3766858	NonCancerChronicDerived_Inh	1.59E-04
104	ALL	363174.3	3766058	NonCancerChronicDerived_Inh	1.59E-04
213	ALL	362824.3	3766133	NonCancerChronicDerived_Inh	1.58E-04
98	ALL	363024.3	3766058	NonCancerChronicDerived_Inh	1.58E-04
616	ALL	362649.3	3766383	NonCancerChronicDerived_Inh	1.58E-04
1265	ALL	362824.3	3766783	NonCancerChronicDerived_Inh	1.58E-04
135	ALL	362924.3	3766083	NonCancerChronicDerived_Inh	1.58E-04
852	ALL	362649.3	3766533	NonCancerChronicDerived_Inh	1.58E-04
1350	ALL	362899.3	3766833	NonCancerChronicDerived_Inh	1.57E-04
486	ALL	363499.3	3766283	NonCancerChronicDerived_Inh	1.57E-04
149	ALL	363274.3	3766083	NonCancerChronicDerived_Inh	1.55E-04
105	ALL	363199.3	3766058	NonCancerChronicDerived_Inh	1.55E-04
97	ALL	362999.3	3766058	NonCancerChronicDerived_Inh	1.55E-04
1013	ALL	362674.3	3766633	NonCancerChronicDerived_Inh	1.55E-04
192	ALL	363324.3	3766108	NonCancerChronicDerived_Inh	1.55E-04
575	ALL	362649.3	3766358	NonCancerChronicDerived_Inh	1.55E-04
890	ALL	362649.3	3766558	NonCancerChronicDerived_Inh	1.54E-04
292	ALL	362749.3	3766183	NonCancerChronicDerived_Inh	1.54E-04
1649	ALL	363199.3	3767008	NonCancerChronicDerived_Inh	1.53E-04
1564	ALL	363124.3	3766958	NonCancerChronicDerived_Inh	1.53E-04
332	ALL	362724.3	3766208	NonCancerChronicDerived_Inh	1.53E-04
453	ALL	362674.3	3766283	NonCancerChronicDerived_Inh	1.53E-04
319	ALL	363424.3	3766183	NonCancerChronicDerived_Inh	1.53E-04
252	ALL	362774.3	3766158	NonCancerChronicDerived_Inh	1.53E-04
1307	ALL	362849.3	3766808	NonCancerChronicDerived_Inh	1.53E-04
173	ALL	362849.3	3766108	NonCancerChronicDerived_Inh	1.53E-04
694	ALL	363574.3	3766408	NonCancerChronicDerived_Inh	1.53E-04
361	ALL	363449.3	3766208	NonCancerChronicDerived_Inh	1.52E-04
277	ALL	363399.3	3766158	NonCancerChronicDerived_Inh	1.52E-04
134	ALL	362899.3	3766083	NonCancerChronicDerived_Inh	1.52E-04
96	ALL	362974.3	3766058	NonCancerChronicDerived_Inh	1.51E-04

106	ALL	363224.3	3766058	NonCancerChronicDerived_Inh	1.51E-04
611	ALL	363549.3	3766358	NonCancerChronicDerived_Inh	1.51E-04
372	ALL	362699.3	3766233	NonCancerChronicDerived_Inh	1.51E-04
534	ALL	362649.3	3766333	NonCancerChronicDerived_Inh	1.50E-04
930	ALL	362649.3	3766583	NonCancerChronicDerived_Inh	1.50E-04
1521	ALL	363074.3	3766933	NonCancerChronicDerived_Inh	1.50E-04
403	ALL	363474.3	3766233	NonCancerChronicDerived_Inh	1.50E-04
528	ALL	363524.3	3766308	NonCancerChronicDerived_Inh	1.50E-04
212	ALL	362799.3	3766133	NonCancerChronicDerived_Inh	1.50E-04
235	ALL	363374.3	3766133	NonCancerChronicDerived_Inh	1.49E-04
1435	ALL	362974.3	3766883	NonCancerChronicDerived_Inh	1.49E-04
1478	ALL	363024.3	3766908	NonCancerChronicDerived_Inh	1.49E-04
1392	ALL	362924.3	3766858	NonCancerChronicDerived_Inh	1.48E-04
1180	ALL	362749.3	3766733	NonCancerChronicDerived_Inh	1.48E-04
150	ALL	363299.3	3766083	NonCancerChronicDerived_Inh	1.48E-04
1138	ALL	362724.3	3766708	NonCancerChronicDerived_Inh	1.47E-04
95	ALL	362949.3	3766058	NonCancerChronicDerived_Inh	1.47E-04
735	ALL	363599.3	3766433	NonCancerChronicDerived_Inh	1.47E-04
1222	ALL	362774.3	3766758	NonCancerChronicDerived_Inh	1.47E-04
1606	ALL	363149.3	3766983	NonCancerChronicDerived_Inh	1.46E-04
412	ALL	362674.3	3766258	NonCancerChronicDerived_Inh	1.46E-04
445	ALL	363499.3	3766258	NonCancerChronicDerived_Inh	1.46E-04
1349	ALL	362874.3	3766833	NonCancerChronicDerived_Inh	1.46E-04
493	ALL	362649.3	3766308	NonCancerChronicDerived_Inh	1.46E-04
107	ALL	363249.3	3766058	NonCancerChronicDerived_Inh	1.46E-04
133	ALL	362874.3	3766083	NonCancerChronicDerived_Inh	1.45E-04
60	ALL	363099.3	3766033	NonCancerChronicDerived_Inh	1.45E-04
971	ALL	362649.3	3766608	NonCancerChronicDerived_Inh	1.45E-04
172	ALL	362824.3	3766108	NonCancerChronicDerived_Inh	1.45E-04
59	ALL	363074.3	3766033	NonCancerChronicDerived_Inh	1.45E-04
61	ALL	363124.3	3766033	NonCancerChronicDerived_Inh	1.45E-04
193	ALL	363349.3	3766108	NonCancerChronicDerived_Inh	1.45E-04
1096	ALL	362699.3	3766683	NonCancerChronicDerived_Inh	1.45E-04
1264	ALL	362799.3	3766783	NonCancerChronicDerived_Inh	1.45E-04
58	ALL	363049.3	3766033	NonCancerChronicDerived_Inh	1.44E-04
62	ALL	363149.3	3766033	NonCancerChronicDerived_Inh	1.44E-04
1054	ALL	362674.3	3766658	NonCancerChronicDerived_Inh	1.44E-04
775	ALL	363624.3	3766458	NonCancerChronicDerived_Inh	1.44E-04
291	ALL	362724.3	3766183	NonCancerChronicDerived_Inh	1.44E-04
251	ALL	362749.3	3766158	NonCancerChronicDerived_Inh	1.43E-04
653	ALL	363574.3	3766383	NonCancerChronicDerived_Inh	1.43E-04
570	ALL	363549.3	3766333	NonCancerChronicDerived_Inh	1.42E-04
94	ALL	362924.3	3766058	NonCancerChronicDerived_Inh	1.42E-04
813	ALL	363649.3	3766483	NonCancerChronicDerived_Inh	1.42E-04
331	ALL	362699.3	3766208	NonCancerChronicDerived_Inh	1.42E-04
1563	ALL	363099.3	3766958	NonCancerChronicDerived_Inh	1.42E-04
57	ALL	363024.3	3766033	NonCancerChronicDerived_Inh	1.42E-04
63	ALL	363174.3	3766033	NonCancerChronicDerived_Inh	1.42E-04
211	ALL	362774.3	3766133	NonCancerChronicDerived_Inh	1.41E-04
487	ALL	363524.3	3766283	NonCancerChronicDerived_Inh	1.41E-04
1306	ALL	362824.3	3766808	NonCancerChronicDerived_Inh	1.41E-04
1648	ALL	363174.3	3767008	NonCancerChronicDerived_Inh	1.41E-04
452	ALL	362649.3	3766283	NonCancerChronicDerived_Inh	1.40E-04
1012	ALL	362649.3	3766633	NonCancerChronicDerived_Inh	1.40E-04
320	ALL	363449.3	3766183	NonCancerChronicDerived_Inh	1.40E-04
278	ALL	363424.3	3766158	NonCancerChronicDerived_Inh	1.40E-04
1520	ALL	363049.3	3766933	NonCancerChronicDerived_Inh	1.40E-04
108	ALL	363274.3	3766058	NonCancerChronicDerived_Inh	1.40E-04
151	ALL	363324.3	3766083	NonCancerChronicDerived_Inh	1.40E-04
1434	ALL	362949.3	3766883	NonCancerChronicDerived_Inh	1.40E-04
1477	ALL	362999.3	3766908	NonCancerChronicDerived_Inh	1.40E-04
56	ALL	362999.3	3766033	NonCancerChronicDerived_Inh	1.39E-04
132	ALL	362849.3	3766083	NonCancerChronicDerived_Inh	1.39E-04
371	ALL	362674.3	3766233	NonCancerChronicDerived_Inh	1.39E-04
64	ALL	363199.3	3766033	NonCancerChronicDerived_Inh	1.39E-04
362	ALL	363474.3	3766208	NonCancerChronicDerived_Inh	1.39E-04
1391	ALL	362899.3	3766858	NonCancerChronicDerived_Inh	1.39E-04
236	ALL	363399.3	3766133	NonCancerChronicDerived_Inh	1.38E-04
171	ALL	362799.3	3766108	NonCancerChronicDerived_Inh	1.38E-04
93	ALL	362899.3	3766058	NonCancerChronicDerived_Inh	1.38E-04
695	ALL	363599.3	3766408	NonCancerChronicDerived_Inh	1.37E-04
55	ALL	362974.3	3766033	NonCancerChronicDerived_Inh	1.36E-04
404	ALL	363499.3	3766233	NonCancerChronicDerived_Inh	1.36E-04
194	ALL	363374.3	3766108	NonCancerChronicDerived_Inh	1.36E-04
1348	ALL	362849.3	3766833	NonCancerChronicDerived_Inh	1.35E-04
65	ALL	363224.3	3766033	NonCancerChronicDerived_Inh	1.35E-04
1179	ALL	362724.3	3766733	NonCancerChronicDerived_Inh	1.35E-04
1605	ALL	363124.3	3766983	NonCancerChronicDerived_Inh	1.35E-04
612	ALL	363574.3	3766358	NonCancerChronicDerived_Inh	1.35E-04
411	ALL	362649.3	3766258	NonCancerChronicDerived_Inh	1.35E-04
1221	ALL	362749.3	3766758	NonCancerChronicDerived_Inh	1.35E-04

529	ALL	363549.3	3766308	NonCancerChronicDerived_Inh	1.35E-04
250	ALL	362724.3	3766158	NonCancerChronicDerived_Inh	1.34E-04
1137	ALL	362699.3	3766708	NonCancerChronicDerived_Inh	1.34E-04
290	ALL	362699.3	3766183	NonCancerChronicDerived_Inh	1.34E-04
1263	ALL	362774.3	3766783	NonCancerChronicDerived_Inh	1.33E-04
109	ALL	363299.3	3766058	NonCancerChronicDerived_Inh	1.33E-04
210	ALL	362749.3	3766133	NonCancerChronicDerived_Inh	1.33E-04
131	ALL	362824.3	3766083	NonCancerChronicDerived_Inh	1.33E-04
54	ALL	362949.3	3766033	NonCancerChronicDerived_Inh	1.33E-04
92	ALL	362874.3	3766058	NonCancerChronicDerived_Inh	1.33E-04
1562	ALL	363074.3	3766958	NonCancerChronicDerived_Inh	1.32E-04
446	ALL	363524.3	3766258	NonCancerChronicDerived_Inh	1.32E-04
330	ALL	362674.3	3766208	NonCancerChronicDerived_Inh	1.32E-04
736	ALL	363624.3	3766433	NonCancerChronicDerived_Inh	1.32E-04
152	ALL	363349.3	3766083	NonCancerChronicDerived_Inh	1.32E-04
1095	ALL	362674.3	3766683	NonCancerChronicDerived_Inh	1.31E-04
1476	ALL	362974.3	3766908	NonCancerChronicDerived_Inh	1.31E-04
66	ALL	363249.3	3766033	NonCancerChronicDerived_Inh	1.31E-04
1433	ALL	362924.3	3766883	NonCancerChronicDerived_Inh	1.31E-04
1519	ALL	363024.3	3766933	NonCancerChronicDerived_Inh	1.31E-04
19	ALL	363099.3	3766008	NonCancerChronicDerived_Inh	1.31E-04
170	ALL	362774.3	3766108	NonCancerChronicDerived_Inh	1.31E-04
18	ALL	363074.3	3766008	NonCancerChronicDerived_Inh	1.30E-04
20	ALL	363124.3	3766008	NonCancerChronicDerived_Inh	1.30E-04
1305	ALL	362799.3	3766808	NonCancerChronicDerived_Inh	1.30E-04
1647	ALL	363149.3	3767008	NonCancerChronicDerived_Inh	1.30E-04
1390	ALL	362874.3	3766858	NonCancerChronicDerived_Inh	1.30E-04
17	ALL	363049.3	3766008	NonCancerChronicDerived_Inh	1.30E-04
21	ALL	363149.3	3766008	NonCancerChronicDerived_Inh	1.29E-04
53	ALL	362924.3	3766033	NonCancerChronicDerived_Inh	1.29E-04
279	ALL	363449.3	3766158	NonCancerChronicDerived_Inh	1.29E-04
776	ALL	363649.3	3766458	NonCancerChronicDerived_Inh	1.29E-04
370	ALL	362649.3	3766233	NonCancerChronicDerived_Inh	1.29E-04
1053	ALL	362649.3	3766658	NonCancerChronicDerived_Inh	1.29E-04
321	ALL	363474.3	3766183	NonCancerChronicDerived_Inh	1.29E-04
654	ALL	363599.3	3766383	NonCancerChronicDerived_Inh	1.28E-04
237	ALL	363424.3	3766133	NonCancerChronicDerived_Inh	1.28E-04
16	ALL	363024.3	3766008	NonCancerChronicDerived_Inh	1.28E-04
571	ALL	363574.3	3766333	NonCancerChronicDerived_Inh	1.28E-04
22	ALL	363174.3	3766008	NonCancerChronicDerived_Inh	1.28E-04
91	ALL	362849.3	3766058	NonCancerChronicDerived_Inh	1.27E-04
488	ALL	363549.3	3766283	NonCancerChronicDerived_Inh	1.27E-04
130	ALL	362799.3	3766083	NonCancerChronicDerived_Inh	1.27E-04
363	ALL	363499.3	3766208	NonCancerChronicDerived_Inh	1.27E-04
195	ALL	363399.3	3766108	NonCancerChronicDerived_Inh	1.26E-04
110	ALL	363324.3	3766058	NonCancerChronicDerived_Inh	1.26E-04
67	ALL	363274.3	3766033	NonCancerChronicDerived_Inh	1.26E-04
15	ALL	362999.3	3766008	NonCancerChronicDerived_Inh	1.26E-04
249	ALL	362699.3	3766158	NonCancerChronicDerived_Inh	1.26E-04
1347	ALL	362824.3	3766833	NonCancerChronicDerived_Inh	1.26E-04
1604	ALL	363099.3	3766983	NonCancerChronicDerived_Inh	1.26E-04
209	ALL	362724.3	3766133	NonCancerChronicDerived_Inh	1.25E-04
52	ALL	362899.3	3766033	NonCancerChronicDerived_Inh	1.25E-04
23	ALL	363199.3	3766008	NonCancerChronicDerived_Inh	1.25E-04
289	ALL	362674.3	3766183	NonCancerChronicDerived_Inh	1.25E-04
1220	ALL	362724.3	3766758	NonCancerChronicDerived_Inh	1.24E-04
1178	ALL	362699.3	3766733	NonCancerChronicDerived_Inh	1.24E-04
1561	ALL	363049.3	3766958	NonCancerChronicDerived_Inh	1.24E-04
405	ALL	363524.3	3766233	NonCancerChronicDerived_Inh	1.24E-04
169	ALL	362749.3	3766108	NonCancerChronicDerived_Inh	1.24E-04
14	ALL	362974.3	3766008	NonCancerChronicDerived_Inh	1.24E-04
153	ALL	363374.3	3766083	NonCancerChronicDerived_Inh	1.24E-04
1475	ALL	362949.3	3766908	NonCancerChronicDerived_Inh	1.24E-04
1518	ALL	362999.3	3766933	NonCancerChronicDerived_Inh	1.23E-04
1432	ALL	362899.3	3766883	NonCancerChronicDerived_Inh	1.23E-04
329	ALL	362649.3	3766208	NonCancerChronicDerived_Inh	1.23E-04
696	ALL	363624.3	3766408	NonCancerChronicDerived_Inh	1.23E-04
1262	ALL	362749.3	3766783	NonCancerChronicDerived_Inh	1.23E-04
1136	ALL	362674.3	3766708	NonCancerChronicDerived_Inh	1.22E-04
90	ALL	362824.3	3766058	NonCancerChronicDerived_Inh	1.22E-04
24	ALL	363224.3	3766008	NonCancerChronicDerived_Inh	1.22E-04
613	ALL	363599.3	3766358	NonCancerChronicDerived_Inh	1.22E-04
530	ALL	363574.3	3766308	NonCancerChronicDerived_Inh	1.21E-04
51	ALL	362874.3	3766033	NonCancerChronicDerived_Inh	1.21E-04
1389	ALL	362849.3	3766858	NonCancerChronicDerived_Inh	1.21E-04
129	ALL	362774.3	3766083	NonCancerChronicDerived_Inh	1.21E-04
13	ALL	362949.3	3766008	NonCancerChronicDerived_Inh	1.21E-04
68	ALL	363299.3	3766033	NonCancerChronicDerived_Inh	1.21E-04
1304	ALL	362774.3	3766808	NonCancerChronicDerived_Inh	1.20E-04
1646	ALL	363124.3	3767008	NonCancerChronicDerived_Inh	1.20E-04
447	ALL	363549.3	3766258	NonCancerChronicDerived_Inh	1.20E-04

111	ALL	363349.3	3766058	NonCancerChronicDerived_Inh	1.20E-04
1094	ALL	362649.3	3766683	NonCancerChronicDerived_Inh	1.20E-04
280	ALL	363474.3	3766158	NonCancerChronicDerived_Inh	1.19E-04
238	ALL	363449.3	3766133	NonCancerChronicDerived_Inh	1.19E-04
737	ALL	363649.3	3766433	NonCancerChronicDerived_Inh	1.19E-04
25	ALL	363249.3	3766008	NonCancerChronicDerived_Inh	1.19E-04
208	ALL	362699.3	3766133	NonCancerChronicDerived_Inh	1.18E-04
248	ALL	362674.3	3766158	NonCancerChronicDerived_Inh	1.18E-04
322	ALL	363499.3	3766183	NonCancerChronicDerived_Inh	1.18E-04
196	ALL	363424.3	3766108	NonCancerChronicDerived_Inh	1.18E-04
12	ALL	362924.3	3766008	NonCancerChronicDerived_Inh	1.18E-04
1603	ALL	363074.3	3766983	NonCancerChronicDerived_Inh	1.18E-04
168	ALL	362724.3	3766108	NonCancerChronicDerived_Inh	1.17E-04
89	ALL	362799.3	3766058	NonCancerChronicDerived_Inh	1.17E-04
50	ALL	362849.3	3766033	NonCancerChronicDerived_Inh	1.17E-04
288	ALL	362649.3	3766183	NonCancerChronicDerived_Inh	1.17E-04
1346	ALL	362799.3	3766833	NonCancerChronicDerived_Inh	1.17E-04
1517	ALL	362974.3	3766933	NonCancerChronicDerived_Inh	1.17E-04
1474	ALL	362924.3	3766908	NonCancerChronicDerived_Inh	1.16E-04
1560	ALL	363024.3	3766958	NonCancerChronicDerived_Inh	1.16E-04
364	ALL	363524.3	3766208	NonCancerChronicDerived_Inh	1.16E-04
154	ALL	363399.3	3766083	NonCancerChronicDerived_Inh	1.16E-04
655	ALL	363624.3	3766383	NonCancerChronicDerived_Inh	1.16E-04
572	ALL	363599.3	3766333	NonCancerChronicDerived_Inh	1.16E-04
1431	ALL	362874.3	3766883	NonCancerChronicDerived_Inh	1.16E-04
489	ALL	363574.3	3766283	NonCancerChronicDerived_Inh	1.15E-04
69	ALL	363324.3	3766033	NonCancerChronicDerived_Inh	1.15E-04
128	ALL	362749.3	3766083	NonCancerChronicDerived_Inh	1.15E-04
11	ALL	362899.3	3766008	NonCancerChronicDerived_Inh	1.14E-04
26	ALL	363274.3	3766008	NonCancerChronicDerived_Inh	1.14E-04
1219	ALL	362699.3	3766758	NonCancerChronicDerived_Inh	1.14E-04
1177	ALL	362674.3	3766733	NonCancerChronicDerived_Inh	1.14E-04
1261	ALL	362724.3	3766783	NonCancerChronicDerived_Inh	1.14E-04
112	ALL	363374.3	3766058	NonCancerChronicDerived_Inh	1.13E-04
406	ALL	363549.3	3766233	NonCancerChronicDerived_Inh	1.13E-04
1388	ALL	362824.3	3766858	NonCancerChronicDerived_Inh	1.13E-04
49	ALL	362824.3	3766033	NonCancerChronicDerived_Inh	1.13E-04
1645	ALL	363099.3	3767008	NonCancerChronicDerived_Inh	1.12E-04
1135	ALL	362649.3	3766708	NonCancerChronicDerived_Inh	1.12E-04
88	ALL	362774.3	3766058	NonCancerChronicDerived_Inh	1.12E-04
1303	ALL	362749.3	3766808	NonCancerChronicDerived_Inh	1.12E-04
207	ALL	362674.3	3766133	NonCancerChronicDerived_Inh	1.11E-04
697	ALL	363649.3	3766408	NonCancerChronicDerived_Inh	1.11E-04
10	ALL	362874.3	3766008	NonCancerChronicDerived_Inh	1.11E-04
247	ALL	362649.3	3766158	NonCancerChronicDerived_Inh	1.11E-04
167	ALL	362699.3	3766108	NonCancerChronicDerived_Inh	1.11E-04
1602	ALL	363049.3	3766983	NonCancerChronicDerived_Inh	1.11E-04
239	ALL	363474.3	3766133	NonCancerChronicDerived_Inh	1.10E-04
1516	ALL	362949.3	3766933	NonCancerChronicDerived_Inh	1.10E-04
531	ALL	363599.3	3766308	NonCancerChronicDerived_Inh	1.10E-04
614	ALL	363624.3	3766358	NonCancerChronicDerived_Inh	1.10E-04
27	ALL	363299.3	3766008	NonCancerChronicDerived_Inh	1.10E-04
281	ALL	363499.3	3766158	NonCancerChronicDerived_Inh	1.10E-04
1559	ALL	362999.3	3766958	NonCancerChronicDerived_Inh	1.10E-04
197	ALL	363449.3	3766108	NonCancerChronicDerived_Inh	1.10E-04
1473	ALL	362899.3	3766908	NonCancerChronicDerived_Inh	1.10E-04
70	ALL	363349.3	3766033	NonCancerChronicDerived_Inh	1.09E-04
127	ALL	362724.3	3766083	NonCancerChronicDerived_Inh	1.09E-04
448	ALL	363574.3	3766258	NonCancerChronicDerived_Inh	1.09E-04
1430	ALL	362849.3	3766883	NonCancerChronicDerived_Inh	1.09E-04
155	ALL	363424.3	3766083	NonCancerChronicDerived_Inh	1.09E-04
323	ALL	363524.3	3766183	NonCancerChronicDerived_Inh	1.09E-04
1345	ALL	362774.3	3766833	NonCancerChronicDerived_Inh	1.09E-04
48	ALL	362799.3	3766033	NonCancerChronicDerived_Inh	1.08E-04
9	ALL	362849.3	3766008	NonCancerChronicDerived_Inh	1.08E-04
87	ALL	362749.3	3766058	NonCancerChronicDerived_Inh	1.07E-04
113	ALL	363399.3	3766058	NonCancerChronicDerived_Inh	1.07E-04
365	ALL	363549.3	3766208	NonCancerChronicDerived_Inh	1.06E-04
1218	ALL	362674.3	3766758	NonCancerChronicDerived_Inh	1.06E-04
1644	ALL	363074.3	3767008	NonCancerChronicDerived_Inh	1.06E-04
1387	ALL	362799.3	3766858	NonCancerChronicDerived_Inh	1.05E-04
28	ALL	363324.3	3766008	NonCancerChronicDerived_Inh	1.05E-04
1260	ALL	362699.3	3766783	NonCancerChronicDerived_Inh	1.05E-04
656	ALL	363649.3	3766383	NonCancerChronicDerived_Inh	1.05E-04
206	ALL	362649.3	3766133	NonCancerChronicDerived_Inh	1.05E-04
573	ALL	363624.3	3766333	NonCancerChronicDerived_Inh	1.05E-04
1176	ALL	362649.3	3766733	NonCancerChronicDerived_Inh	1.05E-04
490	ALL	363599.3	3766283	NonCancerChronicDerived_Inh	1.05E-04
166	ALL	362674.3	3766108	NonCancerChronicDerived_Inh	1.05E-04
1601	ALL	363024.3	3766983	NonCancerChronicDerived_Inh	1.04E-04
1558	ALL	362974.3	3766958	NonCancerChronicDerived_Inh	1.04E-04

1515	ALL	362924.3	3766933	NonCancerChronicDerived_Inh	1.04E-04
8	ALL	362824.3	3766008	NonCancerChronicDerived_Inh	1.04E-04
126	ALL	362699.3	3766083	NonCancerChronicDerived_Inh	1.04E-04
47	ALL	362774.3	3766033	NonCancerChronicDerived_Inh	1.04E-04
71	ALL	363374.3	3766033	NonCancerChronicDerived_Inh	1.04E-04
1302	ALL	362724.3	3766808	NonCancerChronicDerived_Inh	1.04E-04
1472	ALL	362874.3	3766908	NonCancerChronicDerived_Inh	1.04E-04
407	ALL	363574.3	3766233	NonCancerChronicDerived_Inh	1.03E-04
198	ALL	363474.3	3766108	NonCancerChronicDerived_Inh	1.02E-04
240	ALL	363499.3	3766133	NonCancerChronicDerived_Inh	1.02E-04
86	ALL	362724.3	3766058	NonCancerChronicDerived_Inh	1.02E-04
1429	ALL	362824.3	3766883	NonCancerChronicDerived_Inh	1.02E-04
156	ALL	363449.3	3766083	NonCancerChronicDerived_Inh	1.02E-04
282	ALL	363524.3	3766158	NonCancerChronicDerived_Inh	1.02E-04
1344	ALL	362749.3	3766833	NonCancerChronicDerived_Inh	1.01E-04
29	ALL	363349.3	3766008	NonCancerChronicDerived_Inh	1.00E-04
114	ALL	363424.3	3766058	NonCancerChronicDerived_Inh	1.00E-04
532	ALL	363624.3	3766308	NonCancerChronicDerived_Inh	1.00E-04
7	ALL	362799.3	3766008	NonCancerChronicDerived_Inh	1.00E-04
324	ALL	363549.3	3766183	NonCancerChronicDerived_Inh	1.00E-04
615	ALL	363649.3	3766358	NonCancerChronicDerived_Inh	1.00E-04
449	ALL	363599.3	3766258	NonCancerChronicDerived_Inh	9.98E-05
1643	ALL	363049.3	3767008	NonCancerChronicDerived_Inh	9.96E-05
46	ALL	362749.3	3766033	NonCancerChronicDerived_Inh	9.96E-05
165	ALL	362649.3	3766108	NonCancerChronicDerived_Inh	9.92E-05
1557	ALL	362949.3	3766958	NonCancerChronicDerived_Inh	9.89E-05
1600	ALL	362999.3	3766983	NonCancerChronicDerived_Inh	9.88E-05
125	ALL	362674.3	3766083	NonCancerChronicDerived_Inh	9.87E-05
1514	ALL	362899.3	3766933	NonCancerChronicDerived_Inh	9.86E-05
1386	ALL	362774.3	3766858	NonCancerChronicDerived_Inh	9.84E-05
72	ALL	363399.3	3766033	NonCancerChronicDerived_Inh	9.82E-05
1471	ALL	362849.3	3766908	NonCancerChronicDerived_Inh	9.81E-05
1217	ALL	362649.3	3766758	NonCancerChronicDerived_Inh	9.78E-05
366	ALL	363574.3	3766208	NonCancerChronicDerived_Inh	9.77E-05
1259	ALL	362674.3	3766783	NonCancerChronicDerived_Inh	9.77E-05
85	ALL	362699.3	3766058	NonCancerChronicDerived_Inh	9.74E-05
1301	ALL	362699.3	3766808	NonCancerChronicDerived_Inh	9.66E-05
6	ALL	362774.3	3766008	NonCancerChronicDerived_Inh	9.65E-05
491	ALL	363624.3	3766283	NonCancerChronicDerived_Inh	9.58E-05
574	ALL	363649.3	3766333	NonCancerChronicDerived_Inh	9.56E-05
1428	ALL	362799.3	3766883	NonCancerChronicDerived_Inh	9.56E-05
30	ALL	363374.3	3766008	NonCancerChronicDerived_Inh	9.55E-05
199	ALL	363499.3	3766108	NonCancerChronicDerived_Inh	9.55E-05
45	ALL	362724.3	3766033	NonCancerChronicDerived_Inh	9.54E-05
157	ALL	363474.3	3766083	NonCancerChronicDerived_Inh	9.52E-05
241	ALL	363524.3	3766133	NonCancerChronicDerived_Inh	9.51E-05
408	ALL	363599.3	3766233	NonCancerChronicDerived_Inh	9.49E-05
1343	ALL	362724.3	3766833	NonCancerChronicDerived_Inh	9.48E-05
115	ALL	363449.3	3766058	NonCancerChronicDerived_Inh	9.42E-05
1642	ALL	363024.3	3767008	NonCancerChronicDerived_Inh	9.41E-05
283	ALL	363549.3	3766158	NonCancerChronicDerived_Inh	9.41E-05
124	ALL	362649.3	3766083	NonCancerChronicDerived_Inh	9.37E-05
1599	ALL	362974.3	3766983	NonCancerChronicDerived_Inh	9.37E-05
1556	ALL	362924.3	3766958	NonCancerChronicDerived_Inh	9.37E-05
1513	ALL	362874.3	3766933	NonCancerChronicDerived_Inh	9.36E-05
84	ALL	362674.3	3766058	NonCancerChronicDerived_Inh	9.28E-05
5	ALL	362749.3	3766008	NonCancerChronicDerived_Inh	9.28E-05
73	ALL	363424.3	3766033	NonCancerChronicDerived_Inh	9.28E-05
1470	ALL	362824.3	3766908	NonCancerChronicDerived_Inh	9.27E-05
325	ALL	363574.3	3766183	NonCancerChronicDerived_Inh	9.23E-05
1385	ALL	362749.3	3766858	NonCancerChronicDerived_Inh	9.23E-05
533	ALL	363649.3	3766308	NonCancerChronicDerived_Inh	9.16E-05
450	ALL	363624.3	3766258	NonCancerChronicDerived_Inh	9.15E-05
44	ALL	362699.3	3766033	NonCancerChronicDerived_Inh	9.13E-05
31	ALL	363399.3	3766008	NonCancerChronicDerived_Inh	9.07E-05
1258	ALL	362649.3	3766783	NonCancerChronicDerived_Inh	9.07E-05
367	ALL	363599.3	3766208	NonCancerChronicDerived_Inh	9.01E-05
1300	ALL	362674.3	3766808	NonCancerChronicDerived_Inh	9.00E-05
1427	ALL	362774.3	3766883	NonCancerChronicDerived_Inh	8.99E-05
1641	ALL	362999.3	3767008	NonCancerChronicDerived_Inh	8.93E-05
4	ALL	362724.3	3766008	NonCancerChronicDerived_Inh	8.92E-05
158	ALL	363499.3	3766083	NonCancerChronicDerived_Inh	8.91E-05
200	ALL	363524.3	3766108	NonCancerChronicDerived_Inh	8.91E-05
1555	ALL	362899.3	3766958	NonCancerChronicDerived_Inh	8.91E-05
1598	ALL	362949.3	3766983	NonCancerChronicDerived_Inh	8.90E-05
1512	ALL	362849.3	3766933	NonCancerChronicDerived_Inh	8.89E-05
1342	ALL	362699.3	3766833	NonCancerChronicDerived_Inh	8.87E-05
116	ALL	363474.3	3766058	NonCancerChronicDerived_Inh	8.86E-05
83	ALL	362649.3	3766058	NonCancerChronicDerived_Inh	8.85E-05
242	ALL	363549.3	3766133	NonCancerChronicDerived_Inh	8.84E-05
492	ALL	363649.3	3766283	NonCancerChronicDerived_Inh	8.78E-05

74	ALL	363449.3	3766033	NonCancerChronicDerived_Inh	8.76E-05
1469	ALL	362799.3	3766908	NonCancerChronicDerived_Inh	8.75E-05
43	ALL	362674.3	3766033	NonCancerChronicDerived_Inh	8.73E-05
409	ALL	363624.3	3766233	NonCancerChronicDerived_Inh	8.73E-05
284	ALL	363574.3	3766158	NonCancerChronicDerived_Inh	8.72E-05
1384	ALL	362724.3	3766858	NonCancerChronicDerived_Inh	8.70E-05
32	ALL	363424.3	3766008	NonCancerChronicDerived_Inh	8.60E-05
3	ALL	362699.3	3766008	NonCancerChronicDerived_Inh	8.56E-05
326	ALL	363599.3	3766183	NonCancerChronicDerived_Inh	8.54E-05
1640	ALL	362974.3	3767008	NonCancerChronicDerived_Inh	8.48E-05
1554	ALL	362874.3	3766958	NonCancerChronicDerived_Inh	8.48E-05
1426	ALL	362749.3	3766883	NonCancerChronicDerived_Inh	8.47E-05
1597	ALL	362924.3	3766983	NonCancerChronicDerived_Inh	8.47E-05
1511	ALL	362824.3	3766933	NonCancerChronicDerived_Inh	8.43E-05
451	ALL	363649.3	3766258	NonCancerChronicDerived_Inh	8.41E-05
1299	ALL	362649.3	3766808	NonCancerChronicDerived_Inh	8.40E-05
42	ALL	362649.3	3766033	NonCancerChronicDerived_Inh	8.35E-05
159	ALL	363524.3	3766083	NonCancerChronicDerived_Inh	8.35E-05
117	ALL	363499.3	3766058	NonCancerChronicDerived_Inh	8.33E-05
368	ALL	363624.3	3766208	NonCancerChronicDerived_Inh	8.32E-05
201	ALL	363549.3	3766108	NonCancerChronicDerived_Inh	8.31E-05
1341	ALL	362674.3	3766833	NonCancerChronicDerived_Inh	8.31E-05
75	ALL	363474.3	3766033	NonCancerChronicDerived_Inh	8.26E-05
1468	ALL	362774.3	3766908	NonCancerChronicDerived_Inh	8.26E-05
243	ALL	363574.3	3766133	NonCancerChronicDerived_Inh	8.23E-05
2	ALL	362674.3	3766008	NonCancerChronicDerived_Inh	8.22E-05
1383	ALL	362699.3	3766858	NonCancerChronicDerived_Inh	8.19E-05
33	ALL	363449.3	3766008	NonCancerChronicDerived_Inh	8.15E-05
285	ALL	363599.3	3766158	NonCancerChronicDerived_Inh	8.10E-05
1596	ALL	362899.3	3766983	NonCancerChronicDerived_Inh	8.07E-05
1553	ALL	362849.3	3766958	NonCancerChronicDerived_Inh	8.07E-05
1639	ALL	362949.3	3767008	NonCancerChronicDerived_Inh	8.06E-05
410	ALL	363649.3	3766233	NonCancerChronicDerived_Inh	8.05E-05
1425	ALL	362724.3	3766883	NonCancerChronicDerived_Inh	8.02E-05
1510	ALL	362799.3	3766933	NonCancerChronicDerived_Inh	8.00E-05
327	ALL	363624.3	3766183	NonCancerChronicDerived_Inh	7.92E-05
1	ALL	362649.3	3766008	NonCancerChronicDerived_Inh	7.88E-05
118	ALL	363524.3	3766058	NonCancerChronicDerived_Inh	7.83E-05
160	ALL	363549.3	3766083	NonCancerChronicDerived_Inh	7.82E-05
1467	ALL	362749.3	3766908	NonCancerChronicDerived_Inh	7.82E-05
76	ALL	363499.3	3766033	NonCancerChronicDerived_Inh	7.79E-05
1340	ALL	362649.3	3766833	NonCancerChronicDerived_Inh	7.78E-05
202	ALL	363574.3	3766108	NonCancerChronicDerived_Inh	7.77E-05
34	ALL	363474.3	3766008	NonCancerChronicDerived_Inh	7.71E-05
1595	ALL	362874.3	3766983	NonCancerChronicDerived_Inh	7.70E-05
369	ALL	363649.3	3766208	NonCancerChronicDerived_Inh	7.70E-05
1552	ALL	362824.3	3766958	NonCancerChronicDerived_Inh	7.69E-05
1638	ALL	362924.3	3767008	NonCancerChronicDerived_Inh	7.68E-05
1382	ALL	362674.3	3766858	NonCancerChronicDerived_Inh	7.68E-05
244	ALL	363599.3	3766133	NonCancerChronicDerived_Inh	7.67E-05
1509	ALL	362774.3	3766933	NonCancerChronicDerived_Inh	7.59E-05
1424	ALL	362699.3	3766883	NonCancerChronicDerived_Inh	7.56E-05
286	ALL	363624.3	3766158	NonCancerChronicDerived_Inh	7.53E-05
1466	ALL	362724.3	3766908	NonCancerChronicDerived_Inh	7.41E-05
119	ALL	363549.3	3766058	NonCancerChronicDerived_Inh	7.36E-05
328	ALL	363649.3	3766183	NonCancerChronicDerived_Inh	7.36E-05
1594	ALL	362849.3	3766983	NonCancerChronicDerived_Inh	7.35E-05
77	ALL	363524.3	3766033	NonCancerChronicDerived_Inh	7.35E-05
1637	ALL	362899.3	3767008	NonCancerChronicDerived_Inh	7.34E-05
161	ALL	363574.3	3766083	NonCancerChronicDerived_Inh	7.34E-05
1551	ALL	362799.3	3766958	NonCancerChronicDerived_Inh	7.33E-05
35	ALL	363499.3	3766008	NonCancerChronicDerived_Inh	7.30E-05
203	ALL	363599.3	3766108	NonCancerChronicDerived_Inh	7.27E-05
1508	ALL	362749.3	3766933	NonCancerChronicDerived_Inh	7.21E-05
1381	ALL	362649.3	3766858	NonCancerChronicDerived_Inh	7.20E-05
245	ALL	363624.3	3766133	NonCancerChronicDerived_Inh	7.16E-05
1423	ALL	362674.3	3766883	NonCancerChronicDerived_Inh	7.14E-05
1593	ALL	362824.3	3766983	NonCancerChronicDerived_Inh	7.02E-05
287	ALL	363649.3	3766158	NonCancerChronicDerived_Inh	7.02E-05
1465	ALL	362699.3	3766908	NonCancerChronicDerived_Inh	7.01E-05
1636	ALL	362874.3	3767008	NonCancerChronicDerived_Inh	7.01E-05
1550	ALL	362774.3	3766958	NonCancerChronicDerived_Inh	6.98E-05
78	ALL	363549.3	3766033	NonCancerChronicDerived_Inh	6.94E-05
120	ALL	363574.3	3766058	NonCancerChronicDerived_Inh	6.93E-05
36	ALL	363524.3	3766008	NonCancerChronicDerived_Inh	6.91E-05
162	ALL	363599.3	3766083	NonCancerChronicDerived_Inh	6.89E-05
1507	ALL	362724.3	3766933	NonCancerChronicDerived_Inh	6.85E-05
204	ALL	363624.3	3766108	NonCancerChronicDerived_Inh	6.81E-05
1592	ALL	362799.3	3766983	NonCancerChronicDerived_Inh	6.72E-05
1635	ALL	362849.3	3767008	NonCancerChronicDerived_Inh	6.71E-05
1422	ALL	362649.3	3766883	NonCancerChronicDerived_Inh	6.71E-05

246	ALL	363649.3	3766133	NonCancerChronicDerived_Inh	6.70E-05
1549	ALL	362749.3	3766958	NonCancerChronicDerived_Inh	6.65E-05
1464	ALL	362674.3	3766908	NonCancerChronicDerived_Inh	6.63E-05
79	ALL	363574.3	3766033	NonCancerChronicDerived_Inh	6.55E-05
37	ALL	363549.3	3766008	NonCancerChronicDerived_Inh	6.54E-05
121	ALL	363599.3	3766058	NonCancerChronicDerived_Inh	6.53E-05
1506	ALL	362699.3	3766933	NonCancerChronicDerived_Inh	6.51E-05
163	ALL	363624.3	3766083	NonCancerChronicDerived_Inh	6.47E-05
1634	ALL	362824.3	3767008	NonCancerChronicDerived_Inh	6.43E-05
1591	ALL	362774.3	3766983	NonCancerChronicDerived_Inh	6.42E-05
205	ALL	363649.3	3766108	NonCancerChronicDerived_Inh	6.39E-05
1548	ALL	362724.3	3766958	NonCancerChronicDerived_Inh	6.35E-05
1463	ALL	362649.3	3766908	NonCancerChronicDerived_Inh	6.27E-05
38	ALL	363574.3	3766008	NonCancerChronicDerived_Inh	6.19E-05
80	ALL	363599.3	3766033	NonCancerChronicDerived_Inh	6.19E-05
1505	ALL	362674.3	3766933	NonCancerChronicDerived_Inh	6.18E-05
1633	ALL	362799.3	3767008	NonCancerChronicDerived_Inh	6.16E-05
122	ALL	363624.3	3766058	NonCancerChronicDerived_Inh	6.15E-05
1590	ALL	362749.3	3766983	NonCancerChronicDerived_Inh	6.14E-05
164	ALL	363649.3	3766083	NonCancerChronicDerived_Inh	6.09E-05
1547	ALL	362699.3	3766958	NonCancerChronicDerived_Inh	6.04E-05
1632	ALL	362774.3	3767008	NonCancerChronicDerived_Inh	5.91E-05
1589	ALL	362724.3	3766983	NonCancerChronicDerived_Inh	5.87E-05
39	ALL	363599.3	3766008	NonCancerChronicDerived_Inh	5.87E-05
1504	ALL	362649.3	3766933	NonCancerChronicDerived_Inh	5.86E-05
81	ALL	363624.3	3766033	NonCancerChronicDerived_Inh	5.85E-05
123	ALL	363649.3	3766058	NonCancerChronicDerived_Inh	5.81E-05
1546	ALL	362674.3	3766958	NonCancerChronicDerived_Inh	5.76E-05
1631	ALL	362749.3	3767008	NonCancerChronicDerived_Inh	5.67E-05
1588	ALL	362699.3	3766983	NonCancerChronicDerived_Inh	5.61E-05
40	ALL	363624.3	3766008	NonCancerChronicDerived_Inh	5.56E-05
82	ALL	363649.3	3766033	NonCancerChronicDerived_Inh	5.53E-05
1545	ALL	362649.3	3766958	NonCancerChronicDerived_Inh	5.48E-05
1630	ALL	362724.3	3767008	NonCancerChronicDerived_Inh	5.44E-05
1587	ALL	362674.3	3766983	NonCancerChronicDerived_Inh	5.37E-05
41	ALL	363649.3	3766008	NonCancerChronicDerived_Inh	5.28E-05
1629	ALL	362699.3	3767008	NonCancerChronicDerived_Inh	5.22E-05
1586	ALL	362649.3	3766983	NonCancerChronicDerived_Inh	5.13E-05
1628	ALL	362674.3	3767008	NonCancerChronicDerived_Inh	5.01E-05
1627	ALL	362649.3	3767008	NonCancerChronicDerived_Inh	4.81E-05

*HARP - HRACalc v19044 10/5/2020 12:10:32 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_RES_MIT\hra\SM_Wellness_RES_MitHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO
910	ALL		363171.2	3766555	7.23E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
871	ALL		363199.3	3766533	6.55E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
796	ALL		363124.3	3766483	6.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
833	ALL		363204.3	3766515	5.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
911	ALL		363199.3	3766558	4.80E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
951	ALL		363159.5	3766568	4.53E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
832	ALL		363099.3	3766508	4.21E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
758	ALL		363149.3	3766458	3.49E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
909	ALL		363124.3	3766558	3.42E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
870	ALL		363099.3	3766533	3.37E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
872	ALL		363224.3	3766533	3.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
912	ALL		363224.3	3766558	3.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
795	ALL		363099.3	3766483	3.01E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
952	ALL		363199.3	3766583	2.97E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
757	ALL		363124.3	3766458	2.79E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
834	ALL		363224.3	3766508	2.40E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
953	ALL		363224.3	3766583	2.38E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
950	ALL		363149.3	3766583	2.33E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
677	ALL		363162.3	3766444	1.92E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
913	ALL		363249.3	3766558	1.92E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
908	ALL		363099.3	3766558	1.86E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
993	ALL		363199.3	3766608	1.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
756	ALL		363099.3	3766458	1.76E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
873	ALL		363249.3	3766533	1.75E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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994	ALL		363224.3	3766608	1.67E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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718	ALL		363149.3	3766433	1.43E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
995	ALL		363249.3	3766608	1.40E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
717	ALL		363124.3	3766433	1.31E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
835	ALL		363249.3	3766508	1.25E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
955	ALL		363274.3	3766583	1.24E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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991	ALL		363149.3	3766608	1.16E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1035	ALL		363224.3	3766633	1.12E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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755	ALL		363074.3	3766458	1.08E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
907	ALL		363074.3	3766558	1.07E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1034	ALL		363199.3	3766633	1.06E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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874	ALL		363274.3	3766533	1.04E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
948	ALL		363099.3	3766583	1.03E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
716	ALL		363099.3	3766433	1.02E-06	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1037	ALL		363274.3	3766633	9.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
830	ALL		363049.3	3766508	9.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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759	ALL		363224.3	3766458	8.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
956	ALL		363299.3	3766583	8.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
997	ALL		363299.3	3766608	8.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
793	ALL		363049.3	3766483	8.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
990	ALL		363124.3	3766608	8.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
868	ALL		363049.3	3766533	8.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
915	ALL		363299.3	3766558	8.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
797	ALL		363249.3	3766483	7.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
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715	ALL		363074.3	3766433	7.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
676	ALL		363124.3	3766408	7.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1078	ALL		363274.3	3766658	7.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
947	ALL		363074.3	3766583	7.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
754	ALL		363049.3	3766458	6.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
678	ALL		363174.3	3766408	6.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1032	ALL		363149.3	3766633	6.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1075	ALL		363199.3	3766658	6.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
875	ALL		363299.3	3766533	6.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
906	ALL		363049.3	3766558	6.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
998	ALL		363324.3	3766608	6.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1079	ALL		363299.3	3766658	6.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
957	ALL		363324.3	3766583	6.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
675	ALL		363099.3	3766408	6.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
989	ALL		363099.3	3766608	6.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1039	ALL		363324.3	3766633	6.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
720	ALL		363224.3	3766433	5.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
916	ALL		363324.3	3766558	5.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1074	ALL	363174.3	3766658	5.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1118	ALL	363249.3	3766683	5.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1119	ALL	363274.3	3766683	5.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1080	ALL	363324.3	3766658	5.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
829	ALL	363024.3	3766508	5.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
679	ALL	363199.3	3766408	5.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
760	ALL	363249.3	3766458	5.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
714	ALL	363049.3	3766433	5.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
792	ALL	363024.3	3766483	5.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1120	ALL	363299.3	3766683	5.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1117	ALL	363224.3	3766683	5.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1031	ALL	363124.3	3766633	5.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
867	ALL	363024.3	3766533	5.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
674	ALL	363074.3	3766408	5.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
798	ALL	363274.3	3766483	5.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
999	ALL	363349.3	3766608	5.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1040	ALL	363349.3	3766633	4.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
946	ALL	363049.3	3766583	4.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
837	ALL	363299.3	3766508	4.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1121	ALL	363324.3	3766683	4.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
988	ALL	363074.3	3766608	4.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
958	ALL	363349.3	3766583	4.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
753	ALL	363024.3	3766458	4.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1081	ALL	363349.3	3766658	4.67E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
636	ALL	363149.3	3766383	4.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
876	ALL	363324.3	3766533	4.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1116	ALL	363199.3	3766683	4.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
635	ALL	363124.3	3766383	4.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
905	ALL	363024.3	3766558	4.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1073	ALL	363149.3	3766658	4.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
637	ALL	363174.3	3766383	4.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1160	ALL	363274.3	3766708	4.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1122	ALL	363349.3	3766683	4.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1161	ALL	363299.3	3766708	4.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
680	ALL	363224.3	3766408	4.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
634	ALL	363099.3	3766383	4.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1030	ALL	363099.3	3766633	4.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
917	ALL	363349.3	3766558	4.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
721	ALL	363249.3	3766433	4.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1159	ALL	363249.3	3766708	4.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
673	ALL	363049.3	3766408	4.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1162	ALL	363324.3	3766708	3.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1041	ALL	363374.3	3766633	3.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
713	ALL	363024.3	3766433	3.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1082	ALL	363374.3	3766658	3.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1000	ALL	363374.3	3766608	3.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1115	ALL	363174.3	3766683	3.75E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
828	ALL	362999.3	3766508	3.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1158	ALL	363224.3	3766708	3.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
761	ALL	363274.3	3766458	3.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1163	ALL	363349.3	3766708	3.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
638	ALL	363199.3	3766383	3.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1123	ALL	363374.3	3766683	3.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
791	ALL	362999.3	3766483	3.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
987	ALL	363049.3	3766608	3.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
633	ALL	363074.3	3766383	3.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
945	ALL	363024.3	3766583	3.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
959	ALL	363374.3	3766583	3.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
866	ALL	362999.3	3766533	3.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1072	ALL	363124.3	3766658	3.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
799	ALL	363299.3	3766483	3.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
838	ALL	363324.3	3766508	3.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1029	ALL	363074.3	3766633	3.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
752	ALL	362999.3	3766458	3.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1202	ALL	363299.3	3766733	3.32E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1164	ALL	363374.3	3766708	3.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
877	ALL	363349.3	3766533	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1203	ALL	363324.3	3766733	3.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1201	ALL	363274.3	3766733	3.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1083	ALL	363399.3	3766658	3.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1042	ALL	363399.3	3766633	3.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1157	ALL	363199.3	3766708	3.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
672	ALL	363024.3	3766408	3.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
904	ALL	362999.3	3766558	3.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1204	ALL	363349.3	3766733	3.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1124	ALL	363399.3	3766683	3.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
681	ALL	363249.3	3766408	3.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
595	ALL	363149.3	3766358	3.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
594	ALL	363124.3	3766358	3.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1001	ALL	363399.3	3766608	3.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
918	ALL	363374.3	3766558	3.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
632	ALL	363049.3	3766383	3.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1114	ALL	363149.3	3766683	3.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1200	ALL	363249.3	3766733	2.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
639	ALL	363224.3	3766383	2.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
712	ALL	362999.3	3766433	2.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1071	ALL	363099.3	3766658	2.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1165	ALL	363399.3	3766708	2.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1205	ALL	363374.3	3766733	2.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
593	ALL	363099.3	3766358	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
596	ALL	363174.3	3766358	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
722	ALL	363274.3	3766433	2.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
986	ALL	363024.3	3766608	2.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
960	ALL	363399.3	3766583	2.71E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1028	ALL	363049.3	3766633	2.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1084	ALL	363424.3	3766658	2.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1244	ALL	363324.3	3766758	2.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
827	ALL	362974.3	3766508	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1199	ALL	363224.3	3766733	2.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
944	ALL	362999.3	3766583	2.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1125	ALL	363424.3	3766683	2.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1206	ALL	363399.3	3766733	2.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
790	ALL	362974.3	3766483	2.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1243	ALL	363299.3	3766758	2.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
592	ALL	363074.3	3766358	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1245	ALL	363349.3	3766758	2.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
762	ALL	363299.3	3766458	2.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1156	ALL	363174.3	3766708	2.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1043	ALL	363424.3	3766633	2.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
597	ALL	363199.3	3766358	2.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
865	ALL	362974.3	3766533	2.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1166	ALL	363424.3	3766708	2.53E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1246	ALL	363374.3	3766758	2.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
631	ALL	363024.3	3766383	2.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
800	ALL	363324.3	3766483	2.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
839	ALL	363349.3	3766508	2.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
751	ALL	362974.3	3766458	2.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
671	ALL	362999.3	3766408	2.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1242	ALL	363274.3	3766758	2.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1070	ALL	363074.3	3766658	2.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1113	ALL	363124.3	3766683	2.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
878	ALL	363374.3	3766533	2.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1002	ALL	363424.3	3766608	2.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1207	ALL	363424.3	3766733	2.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
640	ALL	363249.3	3766383	2.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1247	ALL	363399.3	3766758	2.34E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
903	ALL	362974.3	3766558	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
682	ALL	363274.3	3766408	2.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
919	ALL	363399.3	3766558	2.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
591	ALL	363049.3	3766358	2.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1198	ALL	363199.3	3766733	2.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
711	ALL	362974.3	3766433	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1241	ALL	363249.3	3766758	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1126	ALL	363449.3	3766683	2.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1085	ALL	363449.3	3766658	2.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1167	ALL	363449.3	3766708	2.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
598	ALL	363224.3	3766358	2.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
553	ALL	363124.3	3766333	2.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1027	ALL	363024.3	3766633	2.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
985	ALL	362999.3	3766608	2.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
554	ALL	363149.3	3766333	2.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1286	ALL	363349.3	3766783	2.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1248	ALL	363424.3	3766758	2.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1285	ALL	363324.3	3766783	2.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1287	ALL	363374.3	3766783	2.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
961	ALL	363424.3	3766583	2.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1155	ALL	363149.3	3766708	2.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
723	ALL	363299.3	3766433	2.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1044	ALL	363449.3	3766633	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
552	ALL	363099.3	3766333	2.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1208	ALL	363449.3	3766733	2.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
555	ALL	363174.3	3766333	2.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
630	ALL	362999.3	3766383	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1112	ALL	363099.3	3766683	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1284	ALL	363299.3	3766783	2.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1288	ALL	363399.3	3766783	2.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
943	ALL	362974.3	3766583	2.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1069	ALL	363049.3	3766658	2.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
826	ALL	362949.3	3766508	1.99E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
590	ALL	363024.3	3766358	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
789	ALL	362949.3	3766483	1.98E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1240	ALL	363224.3	3766758	1.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
670	ALL	362974.3	3766408	1.97E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
551	ALL	363074.3	3766333	1.96E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1249	ALL	363449.3	3766758	1.95E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
763	ALL	363324.3	3766458	1.94E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1289	ALL	363424.3	3766783	1.93E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1003	ALL	363449.3	3766608	1.92E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
864	ALL	362949.3	3766533	1.91E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1283	ALL	363274.3	3766783	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1127	ALL	363474.3	3766683	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1168	ALL	363474.3	3766708	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
750	ALL	362949.3	3766458	1.90E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1197	ALL	363174.3	3766733	1.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
556	ALL	363199.3	3766333	1.89E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
801	ALL	363349.3	3766483	1.88E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
840	ALL	363374.3	3766508	1.87E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
879	ALL	363399.3	3766533	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
641	ALL	363274.3	3766383	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1209	ALL	363474.3	3766733	1.85E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1086	ALL	363474.3	3766658	1.84E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
599	ALL	363249.3	3766358	1.82E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1328	ALL	363374.3	3766808	1.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1327	ALL	363349.3	3766808	1.80E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1290	ALL	363449.3	3766783	1.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
920	ALL	363424.3	3766558	1.79E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
550	ALL	363049.3	3766333	1.78E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1026	ALL	362999.3	3766633	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1154	ALL	363124.3	3766708	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1329	ALL	363399.3	3766808	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
902	ALL	362949.3	3766558	1.77E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1250	ALL	363474.3	3766758	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
683	ALL	363299.3	3766408	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
710	ALL	362949.3	3766433	1.76E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1111	ALL	363074.3	3766683	1.74E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1326	ALL	363324.3	3766808	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
984	ALL	362974.3	3766608	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1045	ALL	363474.3	3766633	1.73E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1282	ALL	363249.3	3766783	1.72E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1330	ALL	363424.3	3766808	1.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1239	ALL	363199.3	3766758	1.70E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
629	ALL	362974.3	3766383	1.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
589	ALL	362999.3	3766358	1.69E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
962	ALL	363449.3	3766583	1.68E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
557	ALL	363224.3	3766333	1.66E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1068	ALL	363024.3	3766658	1.65E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1291	ALL	363474.3	3766783	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1169	ALL	363499.3	3766708	1.64E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
512	ALL	363124.3	3766308	1.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1325	ALL	363299.3	3766808	1.63E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1210	ALL	363499.3	3766733	1.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
513	ALL	363149.3	3766308	1.62E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1128	ALL	363499.3	3766683	1.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1331	ALL	363449.3	3766808	1.61E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
724	ALL	363324.3	3766433	1.60E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
511	ALL	363099.3	3766308	1.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
942	ALL	362949.3	3766583	1.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1196	ALL	363149.3	3766733	1.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
669	ALL	362949.3	3766408	1.59E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
549	ALL	363024.3	3766333	1.58E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1251	ALL	363499.3	3766758	1.57E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1004	ALL	363474.3	3766608	1.56E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
514	ALL	363174.3	3766308	1.55E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1087	ALL	363499.3	3766658	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
788	ALL	362924.3	3766483	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
825	ALL	362924.3	3766508	1.54E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1370	ALL	363399.3	3766833	1.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1369	ALL	363374.3	3766833	1.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1281	ALL	363224.3	3766783	1.52E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1153	ALL	363099.3	3766708	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1332	ALL	363474.3	3766808	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
510	ALL	363074.3	3766308	1.51E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1324	ALL	363274.3	3766808	1.50E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1292	ALL	363499.3	3766783	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
749	ALL	362924.3	3766458	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
600	ALL	363274.3	3766358	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1371	ALL	363424.3	3766833	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
764	ALL	363349.3	3766458	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
863	ALL	362924.3	3766533	1.49E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1110	ALL	363049.3	3766683	1.48E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1368	ALL	363349.3	3766833	1.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
642	ALL	363299.3	3766383	1.47E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1025	ALL	362974.3	3766633	1.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
841	ALL	363399.3	3766508	1.46E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
802	ALL	363374.3	3766483	1.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
880	ALL	363424.3	3766533	1.45E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
515	ALL	363199.3	3766308	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
588	ALL	362974.3	3766358	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1238	ALL	363174.3	3766758	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1372	ALL	363449.3	3766833	1.44E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
558	ALL	363249.3	3766333	1.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1046	ALL	363499.3	3766633	1.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1211	ALL	363524.3	3766733	1.43E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1170	ALL	363524.3	3766708	1.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
921	ALL	363449.3	3766558	1.42E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
709	ALL	362924.3	3766433	1.41E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
628	ALL	362949.3	3766383	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1367	ALL	363324.3	3766833	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1252	ALL	363524.3	3766758	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
509	ALL	363049.3	3766308	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1333	ALL	363499.3	3766808	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
983	ALL	362949.3	3766608	1.40E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
901	ALL	362924.3	3766558	1.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
548	ALL	362999.3	3766333	1.39E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1067	ALL	362999.3	3766658	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1129	ALL	363524.3	3766683	1.38E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
684	ALL	363324.3	3766408	1.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1373	ALL	363474.3	3766833	1.37E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
963	ALL	363474.3	3766583	1.36E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1293	ALL	363524.3	3766783	1.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1195	ALL	363124.3	3766733	1.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1323	ALL	363249.3	3766808	1.35E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1152	ALL	363074.3	3766708	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1366	ALL	363299.3	3766833	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1280	ALL	363199.3	3766783	1.31E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1411	ALL	363399.3	3766858	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
668	ALL	362924.3	3766408	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
516	ALL	363224.3	3766308	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1412	ALL	363424.3	3766858	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1088	ALL	363524.3	3766658	1.30E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1374	ALL	363499.3	3766833	1.29E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1334	ALL	363524.3	3766808	1.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
508	ALL	363024.3	3766308	1.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1005	ALL	363499.3	3766608	1.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
941	ALL	362924.3	3766583	1.28E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1109	ALL	363024.3	3766683	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1413	ALL	363449.3	3766858	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1410	ALL	363374.3	3766858	1.27E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
471	ALL	363124.3	3766283	1.26E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
725	ALL	363349.3	3766433	1.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
472	ALL	363149.3	3766283	1.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1212	ALL	363549.3	3766733	1.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1253	ALL	363549.3	3766758	1.25E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
470	ALL	363099.3	3766283	1.24E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
787	ALL	362899.3	3766483	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1414	ALL	363474.3	3766858	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
824	ALL	362899.3	3766508	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
587	ALL	362949.3	3766358	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1171	ALL	363549.3	3766708	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
601	ALL	363299.3	3766358	1.23E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1237	ALL	363149.3	3766758	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
547	ALL	362974.3	3766333	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1294	ALL	363549.3	3766783	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1409	ALL	363349.3	3766858	1.22E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
559	ALL	363274.3	3766333	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1024	ALL	362949.3	3766633	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
473	ALL	363174.3	3766283	1.21E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
748	ALL	362899.3	3766458	1.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1375	ALL	363524.3	3766833	1.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1365	ALL	363274.3	3766833	1.20E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
469	ALL	363074.3	3766283	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
862	ALL	362899.3	3766533	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1047	ALL	363524.3	3766633	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1322	ALL	363224.3	3766808	1.19E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1066	ALL	362974.3	3766658	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
765	ALL	363374.3	3766458	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
643	ALL	363324.3	3766383	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1130	ALL	363549.3	3766683	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1415	ALL	363499.3	3766858	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
627	ALL	362924.3	3766383	1.18E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1335	ALL	363549.3	3766808	1.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1194	ALL	363099.3	3766733	1.17E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
881	ALL	363449.3	3766533	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
842	ALL	363424.3	3766508	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
803	ALL	363399.3	3766483	1.16E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
507	ALL	362999.3	3766308	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1408	ALL	363324.3	3766858	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
708	ALL	362899.3	3766433	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1151	ALL	363049.3	3766708	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
517	ALL	363249.3	3766308	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
982	ALL	362924.3	3766608	1.15E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
922	ALL	363474.3	3766558	1.14E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

474	ALL	363199.3	3766283	1.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
900	ALL	362899.3	3766558	1.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1453	ALL	363424.3	3766883	1.13E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
468	ALL	363049.3	3766283	1.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1279	ALL	363174.3	3766783	1.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1454	ALL	363449.3	3766883	1.12E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1376	ALL	363549.3	3766833	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1416	ALL	363524.3	3766858	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
964	ALL	363499.3	3766583	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1254	ALL	363574.3	3766758	1.11E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1452	ALL	363399.3	3766883	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1089	ALL	363549.3	3766658	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1108	ALL	362999.3	3766683	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1455	ALL	363474.3	3766883	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1213	ALL	363574.3	3766733	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1295	ALL	363574.3	3766783	1.10E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
685	ALL	363349.3	3766408	1.09E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
667	ALL	362899.3	3766408	1.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1364	ALL	363249.3	3766833	1.08E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1336	ALL	363574.3	3766808	1.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1407	ALL	363299.3	3766858	1.07E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
546	ALL	362949.3	3766333	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1172	ALL	363574.3	3766708	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1456	ALL	363499.3	3766883	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1451	ALL	363374.3	3766883	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1006	ALL	363524.3	3766608	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1236	ALL	363124.3	3766758	1.06E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
586	ALL	362924.3	3766358	1.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1417	ALL	363549.3	3766858	1.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
467	ALL	363024.3	3766283	1.05E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
940	ALL	362899.3	3766583	1.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
475	ALL	363224.3	3766283	1.04E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1321	ALL	363199.3	3766808	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
506	ALL	362974.3	3766308	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1193	ALL	363074.3	3766733	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1377	ALL	363574.3	3766833	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
560	ALL	363299.3	3766333	1.03E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1457	ALL	363524.3	3766883	1.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1065	ALL	362949.3	3766658	1.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1023	ALL	362924.3	3766633	1.02E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1450	ALL	363349.3	3766883	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1150	ALL	363024.3	3766708	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
602	ALL	363324.3	3766358	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1131	ALL	363574.3	3766683	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
786	ALL	362874.3	3766483	1.01E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
430	ALL	363124.3	3766258	1.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
726	ALL	363374.3	3766433	1.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
823	ALL	362874.3	3766508	1.00E-07	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
518	ALL	363274.3	3766308	9.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1048	ALL	363549.3	3766633	9.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
431	ALL	363149.3	3766258	9.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
429	ALL	363099.3	3766258	9.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
626	ALL	362899.3	3766383	9.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
747	ALL	362874.3	3766458	9.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1296	ALL	363599.3	3766783	9.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1255	ALL	363599.3	3766758	9.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1495	ALL	363449.3	3766908	9.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1418	ALL	363574.3	3766858	9.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1406	ALL	363274.3	3766858	9.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1496	ALL	363474.3	3766908	9.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
861	ALL	362874.3	3766533	9.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1458	ALL	363549.3	3766883	9.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1337	ALL	363599.3	3766808	9.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1278	ALL	363149.3	3766783	9.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
432	ALL	363174.3	3766258	9.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
428	ALL	363074.3	3766258	9.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1494	ALL	363424.3	3766908	9.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1214	ALL	363599.3	3766733	9.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
466	ALL	362999.3	3766283	9.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
644	ALL	363349.3	3766383	9.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
707	ALL	362874.3	3766433	9.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1497	ALL	363499.3	3766908	9.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
981	ALL	362899.3	3766608	9.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
766	ALL	363399.3	3766458	9.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1363	ALL	363224.3	3766833	9.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1107	ALL	362974.3	3766683	9.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1449	ALL	363324.3	3766883	9.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
882	ALL	363474.3	3766533	9.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1378	ALL	363599.3	3766833	9.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
843	ALL	363449.3	3766508	9.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
923	ALL	363499.3	3766558	9.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
804	ALL	363424.3	3766483	9.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
476	ALL	363249.3	3766283	9.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1090	ALL	363574.3	3766658	9.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1493	ALL	363399.3	3766908	9.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
545	ALL	362924.3	3766333	9.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1235	ALL	363099.3	3766758	9.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
899	ALL	362874.3	3766558	9.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1498	ALL	363524.3	3766908	9.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1173	ALL	363599.3	3766708	9.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
427	ALL	363049.3	3766258	9.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
505	ALL	362949.3	3766308	9.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
965	ALL	363524.3	3766583	9.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1459	ALL	363574.3	3766883	9.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1192	ALL	363049.3	3766733	9.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
433	ALL	363199.3	3766258	9.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
666	ALL	362874.3	3766408	9.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1419	ALL	363599.3	3766858	9.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
585	ALL	362899.3	3766358	9.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1492	ALL	363374.3	3766908	8.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1320	ALL	363174.3	3766808	8.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1499	ALL	363549.3	3766908	8.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1149	ALL	362999.3	3766708	8.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1064	ALL	362924.3	3766658	8.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1007	ALL	363549.3	3766608	8.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
686	ALL	363374.3	3766408	8.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1297	ALL	363624.3	3766783	8.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1338	ALL	363624.3	3766808	8.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1448	ALL	363299.3	3766883	8.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
465	ALL	362974.3	3766283	8.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1405	ALL	363249.3	3766858	8.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1256	ALL	363624.3	3766758	8.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
939	ALL	362874.3	3766583	8.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1132	ALL	363599.3	3766683	8.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
561	ALL	363324.3	3766333	8.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
426	ALL	363024.3	3766258	8.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
519	ALL	363299.3	3766308	8.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1379	ALL	363624.3	3766833	8.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1022	ALL	362899.3	3766633	8.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1460	ALL	363599.3	3766883	8.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1537	ALL	363474.3	3766933	8.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1538	ALL	363499.3	3766933	8.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1500	ALL	363574.3	3766908	8.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1491	ALL	363349.3	3766908	8.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
434	ALL	363224.3	3766258	8.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1277	ALL	363124.3	3766783	8.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1049	ALL	363574.3	3766633	8.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1215	ALL	363624.3	3766733	8.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
625	ALL	362874.3	3766383	8.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1536	ALL	363449.3	3766933	8.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
603	ALL	363349.3	3766358	8.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1539	ALL	363524.3	3766933	8.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1420	ALL	363624.3	3766858	8.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
785	ALL	362849.3	3766483	8.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1362	ALL	363199.3	3766833	8.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
477	ALL	363274.3	3766283	8.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
822	ALL	362849.3	3766508	8.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1106	ALL	362949.3	3766683	8.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
746	ALL	362849.3	3766458	8.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1234	ALL	363074.3	3766758	8.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1535	ALL	363424.3	3766933	8.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
727	ALL	363399.3	3766433	8.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
389	ALL	363124.3	3766233	8.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
504	ALL	362924.3	3766308	8.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1191	ALL	363024.3	3766733	8.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1540	ALL	363549.3	3766933	8.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
544	ALL	362899.3	3766333	8.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
388	ALL	363099.3	3766233	8.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
860	ALL	362849.3	3766533	8.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
390	ALL	363149.3	3766233	8.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1501	ALL	363599.3	3766908	8.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
425	ALL	362999.3	3766258	8.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1174	ALL	363624.3	3766708	8.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
706	ALL	362849.3	3766433	8.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
980	ALL	362874.3	3766608	8.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1461	ALL	363624.3	3766883	8.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1091	ALL	363599.3	3766658	8.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1447	ALL	363274.3	3766883	7.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1534	ALL	363399.3	3766933	7.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1339	ALL	363649.3	3766808	7.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
464	ALL	362949.3	3766283	7.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1490	ALL	363324.3	3766908	7.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
387	ALL	363074.3	3766233	7.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1298	ALL	363649.3	3766783	7.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
645	ALL	363374.3	3766383	7.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1380	ALL	363649.3	3766833	7.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1541	ALL	363574.3	3766933	7.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
391	ALL	363174.3	3766233	7.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1148	ALL	362974.3	3766708	7.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
767	ALL	363424.3	3766458	7.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1319	ALL	363149.3	3766808	7.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
883	ALL	363499.3	3766533	7.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
924	ALL	363524.3	3766558	7.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
584	ALL	362874.3	3766358	7.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
844	ALL	363474.3	3766508	7.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
898	ALL	362849.3	3766558	7.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
435	ALL	363249.3	3766258	7.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1404	ALL	363224.3	3766858	7.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
805	ALL	363449.3	3766483	7.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1257	ALL	363649.3	3766758	7.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1421	ALL	363649.3	3766858	7.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
665	ALL	362849.3	3766408	7.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
966	ALL	363549.3	3766583	7.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1063	ALL	362899.3	3766658	7.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1502	ALL	363624.3	3766908	7.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
386	ALL	363049.3	3766233	7.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1533	ALL	363374.3	3766933	7.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1579	ALL	363499.3	3766958	7.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1542	ALL	363599.3	3766933	7.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1580	ALL	363524.3	3766958	7.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1133	ALL	363624.3	3766683	7.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1276	ALL	363099.3	3766783	7.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
392	ALL	363199.3	3766233	7.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1008	ALL	363574.3	3766608	7.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
424	ALL	362974.3	3766258	7.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1462	ALL	363649.3	3766883	7.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
520	ALL	363324.3	3766308	7.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1578	ALL	363474.3	3766958	7.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1216	ALL	363649.3	3766733	7.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1233	ALL	363049.3	3766758	7.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1581	ALL	363549.3	3766958	7.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
562	ALL	363349.3	3766333	7.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
478	ALL	363299.3	3766283	7.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
938	ALL	362849.3	3766583	7.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1021	ALL	362874.3	3766633	7.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1577	ALL	363449.3	3766958	7.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1361	ALL	363174.3	3766833	7.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
687	ALL	363399.3	3766408	7.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1190	ALL	362999.3	3766733	7.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1489	ALL	363299.3	3766908	7.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
385	ALL	363024.3	3766233	7.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
624	ALL	362849.3	3766383	7.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
503	ALL	362899.3	3766308	7.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1105	ALL	362924.3	3766683	7.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1582	ALL	363574.3	3766958	7.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1050	ALL	363599.3	3766633	7.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1543	ALL	363624.3	3766933	7.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1446	ALL	363249.3	3766883	7.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
463	ALL	362924.3	3766283	7.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1532	ALL	363349.3	3766933	7.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1503	ALL	363649.3	3766908	7.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1576	ALL	363424.3	3766958	7.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
543	ALL	362874.3	3766333	7.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
784	ALL	362824.3	3766483	7.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
393	ALL	363224.3	3766233	7.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
604	ALL	363374.3	3766358	7.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1175	ALL	363649.3	3766708	7.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
436	ALL	363274.3	3766258	7.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
821	ALL	362824.3	3766508	6.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
745	ALL	362824.3	3766458	6.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1583	ALL	363599.3	3766958	6.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1147	ALL	362949.3	3766708	6.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1318	ALL	363124.3	3766808	6.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1092	ALL	363624.3	3766658	6.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
423	ALL	362949.3	3766258	6.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
384	ALL	362999.3	3766233	6.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1403	ALL	363199.3	3766858	6.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1575	ALL	363399.3	3766958	6.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
979	ALL	362849.3	3766608	6.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
705	ALL	362824.3	3766433	6.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
728	ALL	363424.3	3766433	6.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
859	ALL	362824.3	3766533	6.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1544	ALL	363649.3	3766933	6.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
583	ALL	362849.3	3766358	6.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
348	ALL	363124.3	3766208	6.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1275	ALL	363074.3	3766783	6.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
347	ALL	363099.3	3766208	6.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1584	ALL	363624.3	3766958	6.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
349	ALL	363149.3	3766208	6.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1622	ALL	363549.3	3766983	6.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1232	ALL	363024.3	3766758	6.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1621	ALL	363524.3	3766983	6.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1531	ALL	363324.3	3766933	6.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1488	ALL	363274.3	3766908	6.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1620	ALL	363499.3	3766983	6.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
346	ALL	363074.3	3766208	6.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
664	ALL	362824.3	3766408	6.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1623	ALL	363574.3	3766983	6.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1062	ALL	362874.3	3766658	6.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
646	ALL	363399.3	3766383	6.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
897	ALL	362824.3	3766558	6.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
768	ALL	363449.3	3766458	6.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
925	ALL	363549.3	3766558	6.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
884	ALL	363524.3	3766533	6.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
350	ALL	363174.3	3766208	6.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1619	ALL	363474.3	3766983	6.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1134	ALL	363649.3	3766683	6.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1189	ALL	362974.3	3766733	6.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
394	ALL	363249.3	3766233	6.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
845	ALL	363499.3	3766508	6.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
967	ALL	363574.3	3766583	6.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1574	ALL	363374.3	3766958	6.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
806	ALL	363474.3	3766483	6.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
462	ALL	362899.3	3766283	6.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
502	ALL	362874.3	3766308	6.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
479	ALL	363324.3	3766283	6.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
521	ALL	363349.3	3766308	6.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1360	ALL	363149.3	3766833	6.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1624	ALL	363599.3	3766983	6.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1585	ALL	363649.3	3766958	6.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
383	ALL	362974.3	3766233	6.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
345	ALL	363049.3	3766208	6.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1445	ALL	363224.3	3766883	6.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1618	ALL	363449.3	3766983	6.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1009	ALL	363599.3	3766608	6.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1104	ALL	362899.3	3766683	6.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1020	ALL	362849.3	3766633	6.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
422	ALL	362924.3	3766258	6.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
623	ALL	362824.3	3766383	6.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
437	ALL	363299.3	3766258	6.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
351	ALL	363199.3	3766208	6.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
563	ALL	363374.3	3766333	6.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
542	ALL	362849.3	3766333	6.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
937	ALL	362824.3	3766583	6.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1625	ALL	363624.3	3766983	6.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1317	ALL	363099.3	3766808	6.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1051	ALL	363624.3	3766633	6.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1617	ALL	363424.3	3766983	6.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1146	ALL	362924.3	3766708	6.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
344	ALL	363024.3	3766208	6.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
688	ALL	363424.3	3766408	6.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1530	ALL	363299.3	3766933	6.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1274	ALL	363049.3	3766783	6.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1573	ALL	363349.3	3766958	6.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1402	ALL	363174.3	3766858	6.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1231	ALL	362999.3	3766758	6.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
783	ALL	362799.3	3766483	6.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1626	ALL	363649.3	3766983	6.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
744	ALL	362799.3	3766458	5.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1487	ALL	363249.3	3766908	5.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1664	ALL	363574.3	3767008	5.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
382	ALL	362949.3	3766233	5.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
820	ALL	362799.3	3766508	5.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1663	ALL	363549.3	3767008	5.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
395	ALL	363274.3	3766233	5.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1093	ALL	363649.3	3766658	5.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
605	ALL	363399.3	3766358	5.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
352	ALL	363224.3	3766208	5.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
582	ALL	362824.3	3766358	5.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1662	ALL	363524.3	3767008	5.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1665	ALL	363599.3	3767008	5.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1616	ALL	363399.3	3766983	5.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
704	ALL	362799.3	3766433	5.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
978	ALL	362824.3	3766608	5.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
343	ALL	362999.3	3766208	5.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1661	ALL	363499.3	3767008	5.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1188	ALL	362949.3	3766733	5.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
858	ALL	362799.3	3766533	5.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
461	ALL	362874.3	3766283	5.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1666	ALL	363624.3	3767008	5.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
729	ALL	363449.3	3766433	5.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1061	ALL	362849.3	3766658	5.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

501	ALL	362849.3	3766308	5.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1660	ALL	363474.3	3767008	5.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
421	ALL	362899.3	3766258	5.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1359	ALL	363124.3	3766833	5.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
663	ALL	362799.3	3766408	5.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
307	ALL	363124.3	3766183	5.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1444	ALL	363199.3	3766883	5.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
306	ALL	363099.3	3766183	5.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
480	ALL	363349.3	3766283	5.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
896	ALL	362799.3	3766558	5.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1572	ALL	363324.3	3766958	5.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
308	ALL	363149.3	3766183	5.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1667	ALL	363649.3	3767008	5.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1316	ALL	363074.3	3766808	5.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
305	ALL	363074.3	3766183	5.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
438	ALL	363324.3	3766258	5.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1659	ALL	363449.3	3767008	5.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
522	ALL	363374.3	3766308	5.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1615	ALL	363374.3	3766983	5.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
926	ALL	363574.3	3766558	5.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
647	ALL	363424.3	3766383	5.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1529	ALL	363274.3	3766933	5.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1273	ALL	363024.3	3766783	5.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
769	ALL	363474.3	3766458	5.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
885	ALL	363549.3	3766533	5.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1103	ALL	362874.3	3766683	5.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
968	ALL	363599.3	3766583	5.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
342	ALL	362974.3	3766208	5.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
353	ALL	363249.3	3766208	5.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
541	ALL	362824.3	3766333	5.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
381	ALL	362924.3	3766233	5.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
846	ALL	363524.3	3766508	5.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
309	ALL	363174.3	3766183	5.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
807	ALL	363499.3	3766483	5.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1230	ALL	362974.3	3766758	5.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
622	ALL	362799.3	3766383	5.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1019	ALL	362824.3	3766633	5.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1145	ALL	362899.3	3766708	5.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1010	ALL	363624.3	3766608	5.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
304	ALL	363049.3	3766183	5.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
396	ALL	363299.3	3766233	5.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
936	ALL	362799.3	3766583	5.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1401	ALL	363149.3	3766858	5.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
564	ALL	363399.3	3766333	5.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1658	ALL	363424.3	3767008	5.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1486	ALL	363224.3	3766908	5.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1052	ALL	363649.3	3766633	5.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
310	ALL	363199.3	3766183	5.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
303	ALL	363024.3	3766183	5.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1187	ALL	362924.3	3766733	5.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
460	ALL	362849.3	3766283	5.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
420	ALL	362874.3	3766258	5.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1614	ALL	363349.3	3766983	5.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
581	ALL	362799.3	3766358	5.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
341	ALL	362949.3	3766208	5.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
782	ALL	362774.3	3766483	5.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
689	ALL	363449.3	3766408	5.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
743	ALL	362774.3	3766458	5.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1571	ALL	363299.3	3766958	5.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1358	ALL	363099.3	3766833	5.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
819	ALL	362774.3	3766508	5.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
500	ALL	362824.3	3766308	5.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
354	ALL	363274.3	3766208	5.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1315	ALL	363049.3	3766808	5.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
703	ALL	362774.3	3766433	5.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1657	ALL	363399.3	3767008	5.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
977	ALL	362799.3	3766608	5.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
380	ALL	362899.3	3766233	5.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
606	ALL	363424.3	3766358	5.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1443	ALL	363174.3	3766883	5.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1272	ALL	362999.3	3766783	5.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
302	ALL	362999.3	3766183	5.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
311	ALL	363224.3	3766183	5.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1528	ALL	363249.3	3766933	5.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
857	ALL	362774.3	3766533	5.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1060	ALL	362824.3	3766658	5.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
662	ALL	362774.3	3766408	4.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
439	ALL	363349.3	3766258	4.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
481	ALL	363374.3	3766283	4.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1229	ALL	362949.3	3766758	4.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
730	ALL	363474.3	3766433	4.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
540	ALL	362799.3	3766333	4.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1102	ALL	362849.3	3766683	4.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

895	ALL	362774.3	3766558	4.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
397	ALL	363324.3	3766233	4.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
340	ALL	362924.3	3766208	4.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1144	ALL	362874.3	3766708	4.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
523	ALL	363399.3	3766308	4.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
266	ALL	363124.3	3766158	4.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
265	ALL	363099.3	3766158	4.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1400	ALL	363124.3	3766858	4.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1613	ALL	363324.3	3766983	4.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
301	ALL	362974.3	3766183	4.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
621	ALL	362774.3	3766383	4.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1656	ALL	363374.3	3767008	4.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
267	ALL	363149.3	3766158	4.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1485	ALL	363199.3	3766908	4.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1018	ALL	362799.3	3766633	4.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
264	ALL	363074.3	3766158	4.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
927	ALL	363599.3	3766558	4.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
969	ALL	363624.3	3766583	4.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
419	ALL	362849.3	3766258	4.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
648	ALL	363449.3	3766383	4.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
312	ALL	363249.3	3766183	4.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
770	ALL	363499.3	3766458	4.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
886	ALL	363574.3	3766533	4.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1186	ALL	362899.3	3766733	4.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1011	ALL	363649.3	3766608	4.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
459	ALL	362824.3	3766283	4.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1570	ALL	363274.3	3766958	4.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
847	ALL	363549.3	3766508	4.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1357	ALL	363074.3	3766833	4.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
808	ALL	363524.3	3766483	4.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
268	ALL	363174.3	3766158	4.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
379	ALL	362874.3	3766233	4.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
355	ALL	363299.3	3766208	4.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
935	ALL	362774.3	3766583	4.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
263	ALL	363049.3	3766158	4.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1314	ALL	363024.3	3766808	4.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
565	ALL	363424.3	3766333	4.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1271	ALL	362974.3	3766783	4.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
580	ALL	362774.3	3766358	4.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
499	ALL	362799.3	3766308	4.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
300	ALL	362949.3	3766183	4.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
262	ALL	363024.3	3766158	4.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
269	ALL	363199.3	3766158	4.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1442	ALL	363149.3	3766883	4.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1527	ALL	363224.3	3766933	4.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
339	ALL	362899.3	3766208	4.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
781	ALL	362749.3	3766483	4.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
742	ALL	362749.3	3766458	4.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1228	ALL	362924.3	3766758	4.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1655	ALL	363349.3	3767008	4.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
818	ALL	362749.3	3766508	4.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
702	ALL	362749.3	3766433	4.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
976	ALL	362774.3	3766608	4.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1059	ALL	362799.3	3766658	4.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
690	ALL	363474.3	3766408	4.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
313	ALL	363274.3	3766183	4.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1612	ALL	363299.3	3766983	4.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
440	ALL	363374.3	3766258	4.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
261	ALL	362999.3	3766158	4.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
856	ALL	362749.3	3766533	4.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
398	ALL	363349.3	3766233	4.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
607	ALL	363449.3	3766358	4.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
661	ALL	362749.3	3766408	4.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1399	ALL	363099.3	3766858	4.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
539	ALL	362774.3	3766333	4.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
482	ALL	363399.3	3766283	4.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
270	ALL	363224.3	3766158	4.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1101	ALL	362824.3	3766683	4.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
418	ALL	362824.3	3766258	4.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1143	ALL	362849.3	3766708	4.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1356	ALL	363049.3	3766833	4.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
378	ALL	362849.3	3766233	4.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
299	ALL	362924.3	3766183	4.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1313	ALL	362999.3	3766808	4.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1484	ALL	363174.3	3766908	4.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1569	ALL	363249.3	3766958	4.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
356	ALL	363324.3	3766208	4.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
894	ALL	362749.3	3766558	4.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
458	ALL	362799.3	3766283	4.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1185	ALL	362874.3	3766733	4.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
620	ALL	362749.3	3766383	4.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1270	ALL	362949.3	3766783	4.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
731	ALL	363499.3	3766433	4.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

524	ALL	363424.3	3766308	4.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1017	ALL	362774.3	3766633	4.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
260	ALL	362974.3	3766158	4.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
338	ALL	362874.3	3766208	4.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
225	ALL	363124.3	3766133	4.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
224	ALL	363099.3	3766133	4.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1654	ALL	363324.3	3767008	4.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
223	ALL	363074.3	3766133	4.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
226	ALL	363149.3	3766133	4.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
970	ALL	363649.3	3766583	4.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
928	ALL	363624.3	3766558	4.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
271	ALL	363249.3	3766158	4.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
498	ALL	362774.3	3766308	4.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1227	ALL	362899.3	3766758	4.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
771	ALL	363524.3	3766458	4.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
934	ALL	362749.3	3766583	4.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
887	ALL	363599.3	3766533	4.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
649	ALL	363474.3	3766383	4.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1441	ALL	363124.3	3766883	4.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
314	ALL	363299.3	3766183	4.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
579	ALL	362749.3	3766358	4.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
848	ALL	363574.3	3766508	4.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1526	ALL	363199.3	3766933	4.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
809	ALL	363549.3	3766483	4.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
222	ALL	363049.3	3766133	4.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
227	ALL	363174.3	3766133	4.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1611	ALL	363274.3	3766983	4.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
298	ALL	362899.3	3766183	4.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
566	ALL	363449.3	3766333	4.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
259	ALL	362949.3	3766158	4.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1398	ALL	363074.3	3766858	4.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1355	ALL	363024.3	3766833	3.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
741	ALL	362724.3	3766458	3.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
780	ALL	362724.3	3766483	3.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
221	ALL	363024.3	3766133	3.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1312	ALL	362974.3	3766808	3.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
377	ALL	362824.3	3766233	3.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1058	ALL	362774.3	3766658	3.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
417	ALL	362799.3	3766258	3.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
399	ALL	363374.3	3766233	3.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
701	ALL	362724.3	3766433	3.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
228	ALL	363199.3	3766133	3.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
441	ALL	363399.3	3766258	3.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
975	ALL	362749.3	3766608	3.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
817	ALL	362724.3	3766508	3.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
538	ALL	362749.3	3766333	3.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
337	ALL	362849.3	3766208	3.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1269	ALL	362924.3	3766783	3.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1100	ALL	362799.3	3766683	3.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
357	ALL	363349.3	3766208	3.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1568	ALL	363224.3	3766958	3.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1483	ALL	363149.3	3766908	3.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
272	ALL	363274.3	3766158	3.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
660	ALL	362724.3	3766408	3.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1142	ALL	362824.3	3766708	3.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
691	ALL	363499.3	3766408	3.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
855	ALL	362724.3	3766533	3.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
457	ALL	362774.3	3766283	3.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
483	ALL	363424.3	3766283	3.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
220	ALL	362999.3	3766133	3.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1653	ALL	363299.3	3767008	3.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1184	ALL	362849.3	3766733	3.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
258	ALL	362924.3	3766158	3.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
608	ALL	363474.3	3766358	3.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
229	ALL	363224.3	3766133	3.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
297	ALL	362874.3	3766183	3.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
315	ALL	363324.3	3766183	3.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
619	ALL	362724.3	3766383	3.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
893	ALL	362724.3	3766558	3.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1440	ALL	363099.3	3766883	3.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1016	ALL	362749.3	3766633	3.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1226	ALL	362874.3	3766758	3.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
525	ALL	363449.3	3766308	3.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
219	ALL	362974.3	3766133	3.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
497	ALL	362749.3	3766308	3.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1397	ALL	363049.3	3766858	3.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1610	ALL	363249.3	3766983	3.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
732	ALL	363524.3	3766433	3.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1525	ALL	363174.3	3766933	3.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1354	ALL	362999.3	3766833	3.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
578	ALL	362724.3	3766358	3.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1311	ALL	362949.3	3766808	3.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
376	ALL	362799.3	3766233	3.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

183	ALL	363099.3	3766108	3.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
933	ALL	362724.3	3766583	3.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
184	ALL	363124.3	3766108	3.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
336	ALL	362824.3	3766208	3.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
273	ALL	363299.3	3766158	3.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
257	ALL	362899.3	3766158	3.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
182	ALL	363074.3	3766108	3.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
230	ALL	363249.3	3766133	3.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
929	ALL	363649.3	3766558	3.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
185	ALL	363149.3	3766108	3.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
416	ALL	362774.3	3766258	3.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
772	ALL	363549.3	3766458	3.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1268	ALL	362899.3	3766783	3.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
888	ALL	363624.3	3766533	3.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
650	ALL	363499.3	3766383	3.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
181	ALL	363049.3	3766108	3.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
218	ALL	362949.3	3766133	3.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
849	ALL	363599.3	3766508	3.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
810	ALL	363574.3	3766483	3.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
400	ALL	363399.3	3766233	3.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
567	ALL	363474.3	3766333	3.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
296	ALL	362849.3	3766183	3.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
186	ALL	363174.3	3766108	3.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
358	ALL	363374.3	3766208	3.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1057	ALL	362749.3	3766658	3.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
740	ALL	362699.3	3766458	3.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1482	ALL	363124.3	3766908	3.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
779	ALL	362699.3	3766483	3.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
537	ALL	362724.3	3766333	3.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
442	ALL	363424.3	3766258	3.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1652	ALL	363274.3	3767008	3.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1567	ALL	363199.3	3766958	3.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
700	ALL	362699.3	3766433	3.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
456	ALL	362749.3	3766283	3.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
974	ALL	362724.3	3766608	3.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
180	ALL	363024.3	3766108	3.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
816	ALL	362699.3	3766508	3.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1099	ALL	362774.3	3766683	3.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1141	ALL	362799.3	3766708	3.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
316	ALL	363349.3	3766183	3.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
659	ALL	362699.3	3766408	3.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1183	ALL	362824.3	3766733	3.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
187	ALL	363199.3	3766108	3.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1439	ALL	363074.3	3766883	3.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
854	ALL	362699.3	3766533	3.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
484	ALL	363449.3	3766283	3.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1396	ALL	363024.3	3766858	3.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1353	ALL	362974.3	3766833	3.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
231	ALL	363274.3	3766133	3.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
256	ALL	362874.3	3766158	3.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
217	ALL	362924.3	3766133	3.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
179	ALL	362999.3	3766108	3.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1310	ALL	362924.3	3766808	3.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
692	ALL	363524.3	3766408	3.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1225	ALL	362849.3	3766758	3.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
618	ALL	362699.3	3766383	3.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
274	ALL	363324.3	3766158	3.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
496	ALL	362724.3	3766308	3.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1609	ALL	363224.3	3766983	3.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
335	ALL	362799.3	3766208	3.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
375	ALL	362774.3	3766233	3.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1524	ALL	363149.3	3766933	3.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
609	ALL	363499.3	3766358	3.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
892	ALL	362699.3	3766558	3.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1015	ALL	362724.3	3766633	3.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
188	ALL	363224.3	3766108	3.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
295	ALL	362824.3	3766183	3.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
415	ALL	362749.3	3766258	3.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
178	ALL	362974.3	3766108	3.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
526	ALL	363474.3	3766308	3.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
577	ALL	362699.3	3766358	3.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1267	ALL	362874.3	3766783	3.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
216	ALL	362899.3	3766133	3.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
733	ALL	363549.3	3766433	3.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
932	ALL	362699.3	3766583	3.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1481	ALL	363099.3	3766908	3.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
255	ALL	362849.3	3766158	3.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
359	ALL	363399.3	3766208	3.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1651	ALL	363249.3	3767008	3.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
232	ALL	363299.3	3766133	3.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
401	ALL	363424.3	3766233	3.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
142	ALL	363099.3	3766083	3.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
143	ALL	363124.3	3766083	3.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

455	ALL	362724.3	3766283	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
189	ALL	363249.3	3766108	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1566	ALL	363174.3	3766958	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1395	ALL	362999.3	3766858	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1438	ALL	363049.3	3766883	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
141	ALL	363074.3	3766083	3.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
317	ALL	363374.3	3766183	3.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
177	ALL	362949.3	3766108	3.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
536	ALL	362699.3	3766333	3.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1352	ALL	362949.3	3766833	3.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
144	ALL	363149.3	3766083	3.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1056	ALL	362724.3	3766658	3.18E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
773	ALL	363574.3	3766458	3.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
889	ALL	363649.3	3766533	3.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
739	ALL	362674.3	3766458	3.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
651	ALL	363524.3	3766383	3.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
140	ALL	363049.3	3766083	3.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
443	ALL	363449.3	3766258	3.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
778	ALL	362674.3	3766483	3.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
699	ALL	362674.3	3766433	3.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
850	ALL	363624.3	3766508	3.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
811	ALL	363599.3	3766483	3.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1140	ALL	362774.3	3766708	3.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1309	ALL	362899.3	3766808	3.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
568	ALL	363499.3	3766333	3.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1182	ALL	362799.3	3766733	3.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
973	ALL	362699.3	3766608	3.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
145	ALL	363174.3	3766083	3.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1098	ALL	362749.3	3766683	3.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
815	ALL	362674.3	3766508	3.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
275	ALL	363349.3	3766158	3.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
334	ALL	362774.3	3766208	3.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
658	ALL	362674.3	3766408	3.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
139	ALL	363024.3	3766083	3.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
294	ALL	362799.3	3766183	3.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
374	ALL	362749.3	3766233	3.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
215	ALL	362874.3	3766133	3.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1224	ALL	362824.3	3766758	3.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
853	ALL	362674.3	3766533	3.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1523	ALL	363124.3	3766933	3.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
176	ALL	362924.3	3766108	3.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
485	ALL	363474.3	3766283	3.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1608	ALL	363199.3	3766983	3.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
495	ALL	362699.3	3766308	3.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
146	ALL	363199.3	3766083	3.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
617	ALL	362674.3	3766383	3.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
190	ALL	363274.3	3766108	3.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
138	ALL	362999.3	3766083	3.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
254	ALL	362824.3	3766158	3.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
414	ALL	362724.3	3766258	3.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
233	ALL	363324.3	3766133	3.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1266	ALL	362849.3	3766783	3.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1014	ALL	362699.3	3766633	3.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
693	ALL	363549.3	3766408	3.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
891	ALL	362674.3	3766558	3.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1480	ALL	363074.3	3766908	3.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
576	ALL	362674.3	3766358	2.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1394	ALL	362974.3	3766858	2.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1437	ALL	363024.3	3766883	2.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
610	ALL	363524.3	3766358	2.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
147	ALL	363224.3	3766083	2.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1351	ALL	362924.3	3766833	2.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
137	ALL	362974.3	3766083	2.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1650	ALL	363224.3	3767008	2.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
527	ALL	363499.3	3766308	2.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
175	ALL	362899.3	3766108	2.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
214	ALL	362849.3	3766133	2.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
360	ALL	363424.3	3766208	2.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
454	ALL	362699.3	3766283	2.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
318	ALL	363399.3	3766183	2.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1565	ALL	363149.3	3766958	2.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
931	ALL	362674.3	3766583	2.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
402	ALL	363449.3	3766233	2.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1308	ALL	362874.3	3766808	2.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
535	ALL	362674.3	3766333	2.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
333	ALL	362749.3	3766208	2.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
293	ALL	362774.3	3766183	2.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
734	ALL	363574.3	3766433	2.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
276	ALL	363374.3	3766158	2.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
191	ALL	363299.3	3766108	2.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
136	ALL	362949.3	3766083	2.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
373	ALL	362724.3	3766233	2.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
101	ALL	363099.3	3766058	2.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

253	ALL	362799.3	3766158	2.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
148	ALL	363249.3	3766083	2.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1139	ALL	362749.3	3766708	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
102	ALL	363124.3	3766058	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
738	ALL	362649.3	3766458	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1181	ALL	362774.3	3766733	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
100	ALL	363074.3	3766058	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
444	ALL	363474.3	3766258	2.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
698	ALL	362649.3	3766433	2.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
777	ALL	362649.3	3766483	2.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1522	ALL	363099.3	3766933	2.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1055	ALL	362699.3	3766658	2.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1223	ALL	362799.3	3766758	2.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
103	ALL	363149.3	3766058	2.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
774	ALL	363599.3	3766458	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
972	ALL	362674.3	3766608	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1097	ALL	362724.3	3766683	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
99	ALL	363049.3	3766058	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
234	ALL	363349.3	3766133	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
657	ALL	362649.3	3766408	2.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
652	ALL	363549.3	3766383	2.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
814	ALL	362649.3	3766508	2.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
174	ALL	362874.3	3766108	2.80E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1607	ALL	363174.3	3766983	2.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
494	ALL	362674.3	3766308	2.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
569	ALL	363524.3	3766333	2.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
812	ALL	363624.3	3766483	2.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
851	ALL	363649.3	3766508	2.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1479	ALL	363049.3	3766908	2.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1436	ALL	362999.3	3766883	2.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
413	ALL	362699.3	3766258	2.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1393	ALL	362949.3	3766858	2.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
104	ALL	363174.3	3766058	2.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
213	ALL	362824.3	3766133	2.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
98	ALL	363024.3	3766058	2.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
616	ALL	362649.3	3766383	2.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1265	ALL	362824.3	3766783	2.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
135	ALL	362924.3	3766083	2.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
852	ALL	362649.3	3766533	2.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1350	ALL	362899.3	3766833	2.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
486	ALL	363499.3	3766283	2.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
149	ALL	363274.3	3766083	2.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
105	ALL	363199.3	3766058	2.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
97	ALL	362999.3	3766058	2.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1013	ALL	362674.3	3766633	2.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
192	ALL	363324.3	3766108	2.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
575	ALL	362649.3	3766358	2.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
890	ALL	362649.3	3766558	2.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
292	ALL	362749.3	3766183	2.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1649	ALL	363199.3	3767008	2.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1564	ALL	363124.3	3766958	2.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
332	ALL	362724.3	3766208	2.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
453	ALL	362674.3	3766283	2.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
319	ALL	363424.3	3766183	2.68E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
252	ALL	362774.3	3766158	2.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1307	ALL	362849.3	3766808	2.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
173	ALL	362849.3	3766108	2.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
694	ALL	363574.3	3766408	2.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
361	ALL	363449.3	3766208	2.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
277	ALL	363399.3	3766158	2.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
134	ALL	362899.3	3766083	2.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
96	ALL	362974.3	3766058	2.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
106	ALL	363224.3	3766058	2.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
611	ALL	363549.3	3766358	2.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
372	ALL	362699.3	3766233	2.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
534	ALL	362649.3	3766333	2.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
930	ALL	362649.3	3766583	2.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1521	ALL	363074.3	3766933	2.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
403	ALL	363474.3	3766233	2.63E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
528	ALL	363524.3	3766308	2.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
212	ALL	362799.3	3766133	2.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
235	ALL	363374.3	3766133	2.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1435	ALL	362974.3	3766883	2.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1478	ALL	363024.3	3766908	2.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1392	ALL	362924.3	3766858	2.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1180	ALL	362749.3	3766733	2.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
150	ALL	363299.3	3766083	2.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1138	ALL	362724.3	3766708	2.58E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
95	ALL	362949.3	3766058	2.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
735	ALL	363599.3	3766433	2.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1222	ALL	362774.3	3766758	2.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1606	ALL	363149.3	3766983	2.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
412	ALL	362674.3	3766258	2.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

445	ALL	363499.3	3766258	2.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1349	ALL	362874.3	3766833	2.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
493	ALL	362649.3	3766308	2.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
107	ALL	363249.3	3766058	2.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
133	ALL	362874.3	3766083	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
60	ALL	363099.3	3766033	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
971	ALL	362649.3	3766608	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
172	ALL	362824.3	3766108	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
59	ALL	363074.3	3766033	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
61	ALL	363124.3	3766033	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
193	ALL	363349.3	3766108	2.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1096	ALL	362699.3	3766683	2.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1264	ALL	362799.3	3766783	2.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
58	ALL	363049.3	3766033	2.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
62	ALL	363149.3	3766033	2.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1054	ALL	362674.3	3766658	2.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
775	ALL	363624.3	3766458	2.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
291	ALL	362724.3	3766183	2.51E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
251	ALL	362749.3	3766158	2.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
653	ALL	363574.3	3766383	2.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
570	ALL	363549.3	3766333	2.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
94	ALL	362924.3	3766058	2.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
813	ALL	363649.3	3766483	2.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
331	ALL	362699.3	3766208	2.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1563	ALL	363099.3	3766958	2.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
57	ALL	363024.3	3766033	2.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
63	ALL	363174.3	3766033	2.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
211	ALL	362774.3	3766133	2.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
487	ALL	363524.3	3766283	2.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1306	ALL	362824.3	3766808	2.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1648	ALL	363174.3	3767008	2.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
452	ALL	362649.3	3766283	2.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1012	ALL	362649.3	3766633	2.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
320	ALL	363449.3	3766183	2.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
278	ALL	363424.3	3766158	2.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1520	ALL	363049.3	3766933	2.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
108	ALL	363274.3	3766058	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
151	ALL	363324.3	3766083	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1434	ALL	362949.3	3766883	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1477	ALL	362999.3	3766908	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
56	ALL	362999.3	3766033	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
132	ALL	362849.3	3766083	2.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
371	ALL	362674.3	3766233	2.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
64	ALL	363199.3	3766033	2.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
362	ALL	363474.3	3766208	2.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1391	ALL	362899.3	3766858	2.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
236	ALL	363399.3	3766133	2.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
171	ALL	362799.3	3766108	2.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
93	ALL	362899.3	3766058	2.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
695	ALL	363599.3	3766408	2.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
55	ALL	362974.3	3766033	2.39E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
404	ALL	363499.3	3766233	2.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
194	ALL	363374.3	3766108	2.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1348	ALL	362849.3	3766833	2.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
65	ALL	363224.3	3766033	2.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1179	ALL	362724.3	3766733	2.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1605	ALL	363124.3	3766983	2.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
612	ALL	363574.3	3766358	2.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
411	ALL	362649.3	3766258	2.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1221	ALL	362749.3	3766758	2.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
529	ALL	363549.3	3766308	2.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
250	ALL	362724.3	3766158	2.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1137	ALL	362699.3	3766708	2.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
290	ALL	362699.3	3766183	2.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1263	ALL	362774.3	3766783	2.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
109	ALL	363299.3	3766058	2.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
210	ALL	362749.3	3766133	2.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
131	ALL	362824.3	3766083	2.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
54	ALL	362949.3	3766033	2.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
92	ALL	362874.3	3766058	2.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1562	ALL	363074.3	3766958	2.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
446	ALL	363524.3	3766258	2.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
330	ALL	362674.3	3766208	2.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
736	ALL	363624.3	3766433	2.31E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
152	ALL	363349.3	3766083	2.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1095	ALL	362674.3	3766683	2.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1476	ALL	362974.3	3766908	2.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
66	ALL	363249.3	3766033	2.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1433	ALL	362924.3	3766883	2.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1519	ALL	363024.3	3766933	2.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
19	ALL	363099.3	3766008	2.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
170	ALL	362774.3	3766108	2.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
18	ALL	363074.3	3766008	2.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

20	ALL	363124.3	3766008	2.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1305	ALL	362799.3	3766808	2.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1647	ALL	363149.3	3767008	2.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1390	ALL	362874.3	3766858	2.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
17	ALL	363049.3	3766008	2.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
21	ALL	363149.3	3766008	2.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
53	ALL	362924.3	3766033	2.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
279	ALL	363449.3	3766158	2.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
776	ALL	363649.3	3766458	2.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
370	ALL	362649.3	3766233	2.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1053	ALL	362649.3	3766658	2.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
321	ALL	363474.3	3766183	2.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
654	ALL	363599.3	3766383	2.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
237	ALL	363424.3	3766133	2.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
16	ALL	363024.3	3766008	2.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
571	ALL	363574.3	3766333	2.24E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
22	ALL	363174.3	3766008	2.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
91	ALL	362849.3	3766058	2.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
488	ALL	363549.3	3766283	2.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
130	ALL	362799.3	3766083	2.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
363	ALL	363499.3	3766208	2.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
195	ALL	363399.3	3766108	2.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
110	ALL	363324.3	3766058	2.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
67	ALL	363274.3	3766033	2.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
15	ALL	362999.3	3766008	2.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
249	ALL	362699.3	3766158	2.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1347	ALL	362824.3	3766833	2.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1604	ALL	363099.3	3766983	2.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
209	ALL	362724.3	3766133	2.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
52	ALL	362899.3	3766033	2.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
23	ALL	363199.3	3766008	2.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
289	ALL	362674.3	3766183	2.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1220	ALL	362724.3	3766758	2.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1178	ALL	362699.3	3766733	2.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1561	ALL	363049.3	3766958	2.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
405	ALL	363524.3	3766233	2.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
169	ALL	362749.3	3766108	2.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
14	ALL	362974.3	3766008	2.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
153	ALL	363374.3	3766083	2.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1475	ALL	362949.3	3766908	2.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1518	ALL	362999.3	3766933	2.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1432	ALL	362899.3	3766883	2.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
329	ALL	362649.3	3766208	2.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
696	ALL	363624.3	3766408	2.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1262	ALL	362749.3	3766783	2.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1136	ALL	362674.3	3766708	2.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
90	ALL	362824.3	3766058	2.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
24	ALL	363224.3	3766008	2.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
613	ALL	363599.3	3766358	2.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
530	ALL	363574.3	3766308	2.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
51	ALL	362874.3	3766033	2.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1389	ALL	362849.3	3766858	2.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
129	ALL	362774.3	3766083	2.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
13	ALL	362949.3	3766008	2.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
68	ALL	363299.3	3766033	2.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1304	ALL	362774.3	3766808	2.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1646	ALL	363124.3	3767008	2.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
447	ALL	363549.3	3766258	2.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
111	ALL	363349.3	3766058	2.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1094	ALL	362649.3	3766683	2.09E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
280	ALL	363474.3	3766158	2.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
238	ALL	363449.3	3766133	2.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
737	ALL	363649.3	3766433	2.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
25	ALL	363249.3	3766008	2.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
208	ALL	362699.3	3766133	2.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
248	ALL	362674.3	3766158	2.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
322	ALL	363499.3	3766183	2.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
196	ALL	363424.3	3766108	2.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
12	ALL	362924.3	3766008	2.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1603	ALL	363074.3	3766983	2.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
168	ALL	362724.3	3766108	2.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
89	ALL	362799.3	3766058	2.05E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
50	ALL	362849.3	3766033	2.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
288	ALL	362649.3	3766183	2.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1346	ALL	362799.3	3766833	2.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1517	ALL	362974.3	3766933	2.04E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1474	ALL	362924.3	3766908	2.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1560	ALL	363024.3	3766958	2.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
364	ALL	363524.3	3766208	2.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
154	ALL	363399.3	3766083	2.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
655	ALL	363624.3	3766383	2.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
572	ALL	363599.3	3766333	2.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1431	ALL	362874.3	3766883	2.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

489	ALL	363574.3	3766283	2.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
69	ALL	363324.3	3766033	2.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
128	ALL	362749.3	3766083	2.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
11	ALL	362899.3	3766008	2.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1219	ALL	362699.3	3766758	2.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
26	ALL	363274.3	3766008	2.00E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1177	ALL	362674.3	3766733	1.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1261	ALL	362724.3	3766783	1.99E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
112	ALL	363374.3	3766058	1.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
406	ALL	363549.3	3766233	1.98E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1388	ALL	362824.3	3766858	1.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
49	ALL	362824.3	3766033	1.97E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1645	ALL	363099.3	3767008	1.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1135	ALL	362649.3	3766708	1.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
88	ALL	362774.3	3766058	1.96E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1303	ALL	362749.3	3766808	1.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
207	ALL	362674.3	3766133	1.95E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
697	ALL	363649.3	3766408	1.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
10	ALL	362874.3	3766008	1.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
247	ALL	362649.3	3766158	1.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
167	ALL	362699.3	3766108	1.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1602	ALL	363049.3	3766983	1.94E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
239	ALL	363474.3	3766133	1.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1516	ALL	362949.3	3766933	1.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
531	ALL	363599.3	3766308	1.93E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
614	ALL	363624.3	3766358	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
27	ALL	363299.3	3766008	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
281	ALL	363499.3	3766158	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1559	ALL	362999.3	3766958	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
197	ALL	363449.3	3766108	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1473	ALL	362899.3	3766908	1.92E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
70	ALL	363349.3	3766033	1.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
127	ALL	362724.3	3766083	1.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
448	ALL	363574.3	3766258	1.91E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1430	ALL	362849.3	3766883	1.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
155	ALL	363424.3	3766083	1.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
323	ALL	363524.3	3766183	1.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1345	ALL	362774.3	3766833	1.90E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
48	ALL	362799.3	3766033	1.89E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
9	ALL	362849.3	3766008	1.88E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
87	ALL	362749.3	3766058	1.87E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
113	ALL	363399.3	3766058	1.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
365	ALL	363549.3	3766208	1.86E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1218	ALL	362674.3	3766758	1.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1644	ALL	363074.3	3767008	1.85E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1387	ALL	362799.3	3766858	1.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
28	ALL	363324.3	3766008	1.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1260	ALL	362699.3	3766783	1.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
656	ALL	363649.3	3766383	1.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
206	ALL	362649.3	3766133	1.84E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
573	ALL	363624.3	3766333	1.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1176	ALL	362649.3	3766733	1.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
490	ALL	363599.3	3766283	1.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
166	ALL	362674.3	3766108	1.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1601	ALL	363024.3	3766983	1.83E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1558	ALL	362974.3	3766958	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1515	ALL	362924.3	3766933	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
8	ALL	362824.3	3766008	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
126	ALL	362699.3	3766083	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
47	ALL	362774.3	3766033	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
71	ALL	363374.3	3766033	1.82E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1302	ALL	362724.3	3766808	1.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1472	ALL	362874.3	3766908	1.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
407	ALL	363574.3	3766233	1.81E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
198	ALL	363474.3	3766108	1.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
240	ALL	363499.3	3766133	1.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
86	ALL	362724.3	3766058	1.79E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1429	ALL	362824.3	3766883	1.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
156	ALL	363449.3	3766083	1.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
282	ALL	363524.3	3766158	1.78E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1344	ALL	362749.3	3766833	1.77E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
29	ALL	363349.3	3766008	1.76E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
114	ALL	363424.3	3766058	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
532	ALL	363624.3	3766308	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
7	ALL	362799.3	3766008	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
324	ALL	363549.3	3766183	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
615	ALL	363649.3	3766358	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
449	ALL	363599.3	3766258	1.75E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1643	ALL	363049.3	3767008	1.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
46	ALL	362749.3	3766033	1.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
165	ALL	362649.3	3766108	1.74E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1557	ALL	362949.3	3766958	1.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1600	ALL	362999.3	3766983	1.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

125	ALL	362674.3	3766083	1.73E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1514	ALL	362899.3	3766933	1.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1386	ALL	362774.3	3766858	1.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
72	ALL	363399.3	3766033	1.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1471	ALL	362849.3	3766908	1.72E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1217	ALL	362649.3	3766758	1.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
366	ALL	363574.3	3766208	1.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1259	ALL	362674.3	3766783	1.71E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
85	ALL	362699.3	3766058	1.70E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1301	ALL	362699.3	3766808	1.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
6	ALL	362774.3	3766008	1.69E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
491	ALL	363624.3	3766283	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
574	ALL	363649.3	3766333	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1428	ALL	362799.3	3766883	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
30	ALL	363374.3	3766008	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
199	ALL	363499.3	3766108	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
45	ALL	362724.3	3766033	1.67E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
157	ALL	363474.3	3766083	1.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
241	ALL	363524.3	3766133	1.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
408	ALL	363599.3	3766233	1.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1343	ALL	362724.3	3766833	1.66E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
115	ALL	363449.3	3766058	1.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1642	ALL	363024.3	3767008	1.65E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
283	ALL	363549.3	3766158	1.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
124	ALL	362649.3	3766083	1.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1599	ALL	362974.3	3766983	1.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1556	ALL	362924.3	3766958	1.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1513	ALL	362874.3	3766933	1.64E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
84	ALL	362674.3	3766058	1.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
5	ALL	362749.3	3766008	1.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
73	ALL	363424.3	3766033	1.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1470	ALL	362824.3	3766908	1.62E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
325	ALL	363574.3	3766183	1.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1385	ALL	362749.3	3766858	1.61E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
533	ALL	363649.3	3766308	1.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
450	ALL	363624.3	3766258	1.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
44	ALL	362699.3	3766033	1.60E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
31	ALL	363399.3	3766008	1.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1258	ALL	362649.3	3766783	1.59E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
367	ALL	363599.3	3766208	1.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1300	ALL	362674.3	3766808	1.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1427	ALL	362774.3	3766883	1.57E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1641	ALL	362999.3	3767008	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
4	ALL	362724.3	3766008	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
158	ALL	363499.3	3766083	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
200	ALL	363524.3	3766108	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1555	ALL	362899.3	3766958	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1598	ALL	362949.3	3766983	1.56E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1512	ALL	362849.3	3766933	1.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1342	ALL	362699.3	3766833	1.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
116	ALL	363474.3	3766058	1.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
83	ALL	362649.3	3766058	1.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
242	ALL	363549.3	3766133	1.55E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
492	ALL	363649.3	3766283	1.54E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
74	ALL	363449.3	3766033	1.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1469	ALL	362799.3	3766908	1.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
43	ALL	362674.3	3766033	1.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
409	ALL	363624.3	3766233	1.53E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
284	ALL	363574.3	3766158	1.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1384	ALL	362724.3	3766858	1.52E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
32	ALL	363424.3	3766008	1.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
3	ALL	362699.3	3766008	1.50E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
326	ALL	363599.3	3766183	1.49E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1640	ALL	362974.3	3767008	1.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1554	ALL	362874.3	3766958	1.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1426	ALL	362749.3	3766883	1.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1597	ALL	362924.3	3766983	1.48E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1511	ALL	362824.3	3766933	1.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
451	ALL	363649.3	3766258	1.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1299	ALL	362649.3	3766808	1.47E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
42	ALL	362649.3	3766033	1.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
159	ALL	363524.3	3766083	1.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
117	ALL	363499.3	3766058	1.46E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
368	ALL	363624.3	3766208	1.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
201	ALL	363549.3	3766108	1.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1341	ALL	362674.3	3766833	1.45E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
75	ALL	363474.3	3766033	1.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1468	ALL	362774.3	3766908	1.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
243	ALL	363574.3	3766133	1.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
2	ALL	362674.3	3766008	1.44E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1383	ALL	362699.3	3766858	1.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
33	ALL	363449.3	3766008	1.43E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
285	ALL	363599.3	3766158	1.42E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

1596	ALL	362899.3	3766983	1.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1553	ALL	362849.3	3766958	1.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1639	ALL	362949.3	3767008	1.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
410	ALL	363649.3	3766233	1.41E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1425	ALL	362724.3	3766883	1.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1510	ALL	362799.3	3766933	1.40E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
327	ALL	363624.3	3766183	1.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1	ALL	362649.3	3766008	1.38E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
118	ALL	363524.3	3766058	1.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
160	ALL	363549.3	3766083	1.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1467	ALL	362749.3	3766908	1.37E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
76	ALL	363499.3	3766033	1.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1340	ALL	362649.3	3766833	1.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
202	ALL	363574.3	3766108	1.36E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
34	ALL	363474.3	3766008	1.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1595	ALL	362874.3	3766983	1.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
369	ALL	363649.3	3766208	1.35E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1552	ALL	362824.3	3766958	1.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1638	ALL	362924.3	3767008	1.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1382	ALL	362674.3	3766858	1.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
244	ALL	363599.3	3766133	1.34E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1509	ALL	362774.3	3766933	1.33E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1424	ALL	362699.3	3766883	1.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
286	ALL	363624.3	3766158	1.32E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1466	ALL	362724.3	3766908	1.30E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
119	ALL	363549.3	3766058	1.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
328	ALL	363649.3	3766183	1.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1594	ALL	362849.3	3766983	1.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
77	ALL	363524.3	3766033	1.29E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1637	ALL	362899.3	3767008	1.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
161	ALL	363574.3	3766083	1.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1551	ALL	362799.3	3766958	1.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
35	ALL	363499.3	3766008	1.28E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
203	ALL	363599.3	3766108	1.27E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1508	ALL	362749.3	3766933	1.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1381	ALL	362649.3	3766858	1.26E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
245	ALL	363624.3	3766133	1.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1423	ALL	362674.3	3766883	1.25E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
287	ALL	363649.3	3766158	1.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1593	ALL	362824.3	3766983	1.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1465	ALL	362699.3	3766908	1.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1636	ALL	362874.3	3767008	1.23E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1550	ALL	362774.3	3766958	1.22E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
78	ALL	363549.3	3766033	1.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
120	ALL	363574.3	3766058	1.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
36	ALL	363524.3	3766008	1.21E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
162	ALL	363599.3	3766083	1.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1507	ALL	362724.3	3766933	1.20E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
204	ALL	363624.3	3766108	1.19E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1592	ALL	362799.3	3766983	1.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1635	ALL	362849.3	3767008	1.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1422	ALL	362649.3	3766883	1.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
246	ALL	363649.3	3766133	1.17E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1549	ALL	362749.3	3766958	1.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1464	ALL	362674.3	3766908	1.16E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
79	ALL	363574.3	3766033	1.15E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
37	ALL	363549.3	3766008	1.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
121	ALL	363599.3	3766058	1.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1506	ALL	362699.3	3766933	1.14E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
163	ALL	363624.3	3766083	1.13E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1634	ALL	362824.3	3767008	1.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1591	ALL	362774.3	3766983	1.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
205	ALL	363649.3	3766108	1.12E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1548	ALL	362724.3	3766958	1.11E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1463	ALL	362649.3	3766908	1.10E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
38	ALL	363574.3	3766008	1.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
80	ALL	363599.3	3766033	1.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1505	ALL	362674.3	3766933	1.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1633	ALL	362799.3	3767008	1.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
122	ALL	363624.3	3766058	1.08E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1590	ALL	362749.3	3766983	1.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
164	ALL	363649.3	3766083	1.07E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1547	ALL	362699.3	3766958	1.06E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1632	ALL	362774.3	3767008	1.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1589	ALL	362724.3	3766983	1.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
39	ALL	363599.3	3766008	1.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1504	ALL	362649.3	3766933	1.03E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
81	ALL	363624.3	3766033	1.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
123	ALL	363649.3	3766058	1.02E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1546	ALL	362674.3	3766958	1.01E-08	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1631	ALL	362749.3	3767008	9.91E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1588	ALL	362699.3	3766983	9.81E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
40	ALL	363624.3	3766008	9.73E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

82	ALL	363649.3	3766033	9.68E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1545	ALL	362649.3	3766958	9.59E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1630	ALL	362724.3	3767008	9.52E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1587	ALL	362674.3	3766983	9.39E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
41	ALL	363649.3	3766008	9.23E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1629	ALL	362699.3	3767008	9.13E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1586	ALL	362649.3	3766983	8.98E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1628	ALL	362674.3	3767008	8.76E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70
1627	ALL	362649.3	3767008	8.41E-09	1.84YrCancerDerived_InhSoilDermMMilk_FAH16to70

*HARP - HRACalc v19044 10/5/2020 12:10:32 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_RES_MIT\hra\SM_Wellness_RES_MitHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
910	ALL		363171.2	3766555	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-03
871	ALL		363199.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-03
796	ALL		363124.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-03
833	ALL		363204.3	3766515	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-03
911	ALL		363199.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-03
951	ALL		363159.5	3766568	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-03
832	ALL		363099.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-03
758	ALL		363149.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03
909	ALL		363124.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-03
870	ALL		363099.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03
872	ALL		363224.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-03
912	ALL		363224.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-03
795	ALL		363099.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03
952	ALL		363199.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03
757	ALL		363124.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-03
834	ALL		363224.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-03
953	ALL		363224.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-03
950	ALL		363149.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-03
677	ALL		363162.3	3766444	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
913	ALL		363249.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-03
908	ALL		363099.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-03
993	ALL		363199.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
756	ALL		363099.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
873	ALL		363249.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-03
954	ALL		363249.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-03
831	ALL		363074.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03
994	ALL		363224.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-03
992	ALL		363174.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-04
949	ALL		363124.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	9.68E-04
869	ALL		363074.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	9.61E-04
794	ALL		363074.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-04
718	ALL		363149.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-04
995	ALL		363249.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-04
717	ALL		363124.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-04
835	ALL		363249.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-04
955	ALL		363274.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-04
914	ALL		363274.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-04
991	ALL		363149.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-04
1035	ALL		363224.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04
996	ALL		363274.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-04
755	ALL		363074.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-04
907	ALL		363074.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	6.77E-04
1034	ALL		363199.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-04
1036	ALL		363249.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.68E-04
874	ALL		363274.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	6.61E-04
948	ALL		363099.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-04
716	ALL		363099.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	6.47E-04
1037	ALL		363274.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04
830	ALL		363049.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-04
1033	ALL		363174.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04
719	ALL		363199.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-04
759	ALL		363224.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-04
956	ALL		363299.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-04
997	ALL		363299.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04
793	ALL		363049.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.33E-04
990	ALL		363124.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-04
868	ALL		363049.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.25E-04
915	ALL		363299.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	5.19E-04
797	ALL		363249.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-04
1077	ALL		363249.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-04
1038	ALL		363299.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.84E-04
1076	ALL		363224.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-04
836	ALL		363274.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-04
715	ALL		363074.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-04
676	ALL		363124.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-04
1078	ALL		363274.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-04
947	ALL		363074.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-04
754	ALL		363049.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-04
678	ALL		363174.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-04
1032	ALL		363149.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-04
1075	ALL		363199.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-04
875	ALL		363299.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-04
906	ALL		363049.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-04
998	ALL		363324.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-04
1079	ALL		363299.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-04
957	ALL		363324.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-04
675	ALL		363099.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-04
989	ALL		363099.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.96E-04
1039	ALL		363324.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-04
720	ALL		363224.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-04
916	ALL		363324.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-04

1074	ALL	363174.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-04
1118	ALL	363249.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-04
1119	ALL	363274.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-04
1080	ALL	363324.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-04
829	ALL	363024.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-04
679	ALL	363199.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-04
760	ALL	363249.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-04
714	ALL	363049.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-04
792	ALL	363024.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-04
1120	ALL	363299.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-04
1117	ALL	363224.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-04
1031	ALL	363124.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-04
867	ALL	363024.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-04
674	ALL	363074.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-04
798	ALL	363274.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-04
999	ALL	363349.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-04
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946	ALL	363049.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-04
837	ALL	363299.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-04
1121	ALL	363324.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-04
988	ALL	363074.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-04
958	ALL	363349.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-04
753	ALL	363024.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-04
1081	ALL	363349.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-04
636	ALL	363149.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-04
876	ALL	363324.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-04
1116	ALL	363199.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-04
635	ALL	363124.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-04
905	ALL	363024.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-04
1073	ALL	363149.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-04
637	ALL	363174.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04
1160	ALL	363274.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-04
1122	ALL	363349.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-04
1161	ALL	363299.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-04
680	ALL	363224.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-04
634	ALL	363099.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-04
1030	ALL	363099.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-04
917	ALL	363349.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-04
721	ALL	363249.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-04
1159	ALL	363249.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-04
673	ALL	363049.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-04
1162	ALL	363324.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-04
1041	ALL	363374.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-04
713	ALL	363024.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-04
1082	ALL	363374.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-04
1000	ALL	363374.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-04
1115	ALL	363174.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-04
828	ALL	362999.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-04
1158	ALL	363224.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-04
761	ALL	363274.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04
1163	ALL	363349.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04
638	ALL	363199.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-04
1123	ALL	363374.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-04
791	ALL	362999.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-04
987	ALL	363049.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-04
633	ALL	363074.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-04
945	ALL	363024.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-04
959	ALL	363374.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04
866	ALL	362999.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
1072	ALL	363124.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04
799	ALL	363299.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04
838	ALL	363324.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-04
1029	ALL	363074.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-04
752	ALL	362999.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-04
1202	ALL	363299.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-04
1164	ALL	363374.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-04
877	ALL	363349.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
1203	ALL	363324.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-04
1201	ALL	363274.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-04
1083	ALL	363399.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-04
1042	ALL	363399.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-04
1157	ALL	363199.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-04
672	ALL	363024.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-04
904	ALL	362999.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-04
1204	ALL	363349.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-04
1124	ALL	363399.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-04
681	ALL	363249.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-04
595	ALL	363149.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-04
594	ALL	363124.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-04
1001	ALL	363399.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-04
918	ALL	363374.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-04
632	ALL	363049.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-04
1114	ALL	363149.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-04

1200	ALL	363249.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-04
639	ALL	363224.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-04
712	ALL	362999.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-04
1071	ALL	363099.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
1165	ALL	363399.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-04
1205	ALL	363374.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
593	ALL	363099.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04
596	ALL	363174.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
722	ALL	363274.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-04
986	ALL	363024.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04
960	ALL	363399.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04
1028	ALL	363049.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04
1084	ALL	363424.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-04
1244	ALL	363324.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
827	ALL	362974.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
1199	ALL	363224.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-04
944	ALL	362999.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
1125	ALL	363424.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
1206	ALL	363399.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04
790	ALL	362974.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04
1243	ALL	363299.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04
592	ALL	363074.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
1245	ALL	363349.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
762	ALL	363299.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
1156	ALL	363174.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04
1043	ALL	363424.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-04
597	ALL	363199.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-04
865	ALL	362974.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-04
1166	ALL	363424.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-04
1246	ALL	363374.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
631	ALL	363024.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
800	ALL	363324.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-04
839	ALL	363349.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-04
751	ALL	362974.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-04
671	ALL	362999.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-04
1242	ALL	363274.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-04
1070	ALL	363074.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04
1113	ALL	363124.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04
878	ALL	363374.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04
1002	ALL	363424.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-04
1207	ALL	363424.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-04
640	ALL	363249.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-04
1247	ALL	363399.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04
903	ALL	362974.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
682	ALL	363274.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04
919	ALL	363399.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
591	ALL	363049.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-04
1198	ALL	363199.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-04
711	ALL	362974.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
1241	ALL	363249.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
1126	ALL	363449.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04
1085	ALL	363449.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-04
1167	ALL	363449.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-04
598	ALL	363224.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
553	ALL	363124.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
1027	ALL	363024.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
985	ALL	362999.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
554	ALL	363149.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
1286	ALL	363349.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-04
1248	ALL	363424.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-04
1285	ALL	363324.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-04
1287	ALL	363374.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04
961	ALL	363424.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
1155	ALL	363149.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
723	ALL	363299.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04
1044	ALL	363449.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
552	ALL	363099.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
1208	ALL	363449.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-04
555	ALL	363174.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04
630	ALL	362999.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1112	ALL	363099.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1284	ALL	363299.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-04
1288	ALL	363399.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-04
943	ALL	362974.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-04
1069	ALL	363049.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04
826	ALL	362949.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04
590	ALL	363024.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
789	ALL	362949.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
1240	ALL	363224.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
670	ALL	362974.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04
551	ALL	363074.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
1249	ALL	363449.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-04
763	ALL	363324.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-04

1289	ALL	363424.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
1003	ALL	363449.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-04
864	ALL	362949.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-04
1283	ALL	363274.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
1127	ALL	363474.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
1168	ALL	363474.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
750	ALL	362949.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
1197	ALL	363174.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-04
556	ALL	363199.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
801	ALL	363349.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
840	ALL	363374.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-04
879	ALL	363399.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
641	ALL	363274.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
1209	ALL	363474.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
1086	ALL	363474.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-04
599	ALL	363249.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-04
1328	ALL	363374.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
1327	ALL	363349.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-04
1290	ALL	363449.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
920	ALL	363424.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-04
550	ALL	363049.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1026	ALL	362999.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1154	ALL	363124.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1329	ALL	363399.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
902	ALL	362949.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-04
1250	ALL	363474.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
683	ALL	363299.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
710	ALL	362949.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04
1111	ALL	363074.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
1326	ALL	363324.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04
984	ALL	362974.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
1045	ALL	363474.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
1282	ALL	363249.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04
1330	ALL	363424.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-04
1239	ALL	363199.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
629	ALL	362974.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
589	ALL	362999.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
962	ALL	363449.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-04
557	ALL	363224.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
1068	ALL	363024.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04
1291	ALL	363474.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
1169	ALL	363499.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04
512	ALL	363124.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04
1325	ALL	363299.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04
1210	ALL	363499.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04
513	ALL	363149.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04
1128	ALL	363499.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
1331	ALL	363449.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04
724	ALL	363324.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04
511	ALL	363099.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04
942	ALL	362949.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04
1196	ALL	363149.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04
669	ALL	362949.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
549	ALL	363024.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-04
1251	ALL	363499.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-05
1004	ALL	363474.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-05
514	ALL	363174.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-05
1087	ALL	363499.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	9.77E-05
788	ALL	362924.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-05
825	ALL	362924.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	9.75E-05
1370	ALL	363399.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-05
1369	ALL	363374.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.62E-05
1281	ALL	363224.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-05
1153	ALL	363099.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	9.59E-05
1332	ALL	363474.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.56E-05
510	ALL	363074.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-05
1324	ALL	363274.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.51E-05
1292	ALL	363499.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-05
749	ALL	362924.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-05
600	ALL	363274.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-05
1371	ALL	363424.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.44E-05
764	ALL	363349.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	9.43E-05
863	ALL	362924.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	9.41E-05
1110	ALL	363049.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-05
1368	ALL	363349.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.33E-05
642	ALL	363299.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-05
1025	ALL	362974.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-05
841	ALL	363399.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-05
802	ALL	363374.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-05
880	ALL	363424.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	9.19E-05
515	ALL	363199.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	9.13E-05
588	ALL	362974.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-05
1238	ALL	363174.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-05

1372	ALL	363449.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.11E-05
558	ALL	363249.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-05
1046	ALL	363499.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-05
1211	ALL	363524.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-05
1170	ALL	363524.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-05
921	ALL	363449.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	8.98E-05
709	ALL	362924.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-05
628	ALL	362949.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	8.90E-05
1367	ALL	363324.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-05
1252	ALL	363524.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-05
509	ALL	363049.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.87E-05
1333	ALL	363499.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-05
983	ALL	362949.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-05
901	ALL	362924.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-05
548	ALL	362999.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	8.82E-05
1067	ALL	362999.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-05
1129	ALL	363524.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	8.71E-05
684	ALL	363324.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-05
1373	ALL	363474.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-05
963	ALL	363474.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-05
1293	ALL	363524.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-05
1195	ALL	363124.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-05
1323	ALL	363249.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.55E-05
1152	ALL	363074.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-05
1366	ALL	363299.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.31E-05
1280	ALL	363199.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	8.28E-05
1411	ALL	363399.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-05
668	ALL	362924.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-05
516	ALL	363224.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-05
1412	ALL	363424.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-05
1088	ALL	363524.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-05
1374	ALL	363499.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.17E-05
1334	ALL	363524.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-05
508	ALL	363024.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-05
1005	ALL	363499.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	8.09E-05
941	ALL	362924.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-05
1109	ALL	363024.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-05
1413	ALL	363449.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-05
1410	ALL	363374.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.02E-05
471	ALL	363124.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.99E-05
725	ALL	363349.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-05
472	ALL	363149.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-05
1212	ALL	363549.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-05
1253	ALL	363549.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	7.89E-05
470	ALL	363099.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.86E-05
787	ALL	362899.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	7.80E-05
1414	ALL	363474.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.79E-05
824	ALL	362899.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-05
587	ALL	362949.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-05
1171	ALL	363549.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-05
601	ALL	363299.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-05
1237	ALL	363149.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	7.75E-05
547	ALL	362974.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-05
1294	ALL	363549.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-05
1409	ALL	363349.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-05
559	ALL	363274.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	7.69E-05
1024	ALL	362949.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-05
473	ALL	363174.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-05
748	ALL	362899.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-05
1375	ALL	363524.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-05
1365	ALL	363274.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.60E-05
469	ALL	363074.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-05
862	ALL	362899.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-05
1322	ALL	363224.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-05
1047	ALL	363524.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	7.53E-05
1066	ALL	362974.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	7.49E-05
765	ALL	363374.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-05
643	ALL	363324.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	7.45E-05
1415	ALL	363499.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-05
1130	ALL	363549.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-05
627	ALL	362924.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-05
1335	ALL	363549.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-05
1194	ALL	363099.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	7.41E-05
881	ALL	363449.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-05
842	ALL	363424.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	7.34E-05
803	ALL	363399.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-05
507	ALL	362999.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	7.30E-05
1408	ALL	363324.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-05
708	ALL	362899.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	7.29E-05
1151	ALL	363049.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	7.28E-05
517	ALL	363249.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-05
982	ALL	362924.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	7.26E-05
922	ALL	363474.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-05

474	ALL	363199.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.18E-05
900	ALL	362899.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	7.14E-05
1453	ALL	363424.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.13E-05
468	ALL	363049.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-05
1279	ALL	363174.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	7.11E-05
1454	ALL	363449.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-05
1376	ALL	363549.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	7.06E-05
1416	ALL	363524.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.05E-05
964	ALL	363499.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-05
1254	ALL	363574.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	7.01E-05
1452	ALL	363399.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-05
1089	ALL	363549.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-05
1108	ALL	362999.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	6.95E-05
1455	ALL	363474.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-05
1213	ALL	363574.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-05
1295	ALL	363574.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-05
685	ALL	363349.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-05
667	ALL	362899.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-05
1364	ALL	363249.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.82E-05
1407	ALL	363299.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-05
1336	ALL	363574.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-05
546	ALL	362949.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	6.74E-05
1172	ALL	363574.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-05
1456	ALL	363499.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-05
1451	ALL	363374.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.73E-05
1006	ALL	363524.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.70E-05
1236	ALL	363124.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-05
586	ALL	362924.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	6.64E-05
1417	ALL	363549.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-05
467	ALL	363024.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-05
940	ALL	362899.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-05
475	ALL	363224.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-05
1321	ALL	363199.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-05
506	ALL	362974.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	6.53E-05
1193	ALL	363074.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	6.51E-05
1377	ALL	363574.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-05
560	ALL	363299.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-05
1457	ALL	363524.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-05
1065	ALL	362949.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-05
1023	ALL	362924.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.44E-05
1450	ALL	363349.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-05
1150	ALL	363024.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	6.41E-05
602	ALL	363324.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	6.40E-05
1131	ALL	363574.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-05
786	ALL	362874.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-05
430	ALL	363124.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-05
726	ALL	363374.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	6.36E-05
823	ALL	362874.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	6.34E-05
518	ALL	363274.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-05
1048	ALL	363549.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	6.32E-05
431	ALL	363149.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	6.30E-05
429	ALL	363099.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	6.29E-05
626	ALL	362899.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-05
747	ALL	362874.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.26E-05
1296	ALL	363599.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-05
1255	ALL	363599.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-05
1495	ALL	363449.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-05
1418	ALL	363574.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-05
1406	ALL	363274.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-05
1496	ALL	363474.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-05
861	ALL	362874.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-05
1458	ALL	363549.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-05
1337	ALL	363599.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	6.14E-05
1278	ALL	363149.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-05
432	ALL	363174.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-05
428	ALL	363074.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-05
1494	ALL	363424.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.10E-05
1214	ALL	363599.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-05
466	ALL	362999.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	6.08E-05
644	ALL	363349.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	6.06E-05
707	ALL	362874.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-05
1497	ALL	363499.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-05
981	ALL	362899.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-05
766	ALL	363399.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-05
1363	ALL	363224.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-05
1107	ALL	362974.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-05
1449	ALL	363324.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-05
882	ALL	363474.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.98E-05
1378	ALL	363599.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.97E-05
843	ALL	363449.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-05
923	ALL	363499.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-05
804	ALL	363424.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-05
476	ALL	363249.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.93E-05

1090	ALL	363574.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.92E-05
1493	ALL	363399.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-05
545	ALL	362924.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-05
1235	ALL	363099.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-05
899	ALL	362874.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-05
1498	ALL	363524.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.87E-05
1173	ALL	363599.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-05
427	ALL	363049.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-05
505	ALL	362949.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.82E-05
965	ALL	363524.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-05
1459	ALL	363574.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.80E-05
1192	ALL	363049.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-05
433	ALL	363199.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-05
666	ALL	362874.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-05
1419	ALL	363599.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.73E-05
585	ALL	362899.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	5.71E-05
1492	ALL	363374.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-05
1320	ALL	363174.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-05
1499	ALL	363549.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.65E-05
1149	ALL	362999.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-05
1064	ALL	362924.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-05
1007	ALL	363549.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-05
686	ALL	363374.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	5.60E-05
1297	ALL	363624.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-05
1338	ALL	363624.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-05
1448	ALL	363299.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-05
465	ALL	362974.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-05
1405	ALL	363249.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-05
1256	ALL	363624.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	5.51E-05
939	ALL	362874.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-05
1132	ALL	363599.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-05
561	ALL	363324.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-05
426	ALL	363024.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-05
519	ALL	363299.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-05
1379	ALL	363624.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.46E-05
1022	ALL	362899.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-05
1460	ALL	363599.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.44E-05
1537	ALL	363474.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.42E-05
1538	ALL	363499.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-05
1500	ALL	363574.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-05
1491	ALL	363349.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-05
434	ALL	363224.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-05
1277	ALL	363124.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-05
1049	ALL	363574.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-05
625	ALL	362874.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-05
1215	ALL	363624.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.35E-05
1536	ALL	363449.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-05
603	ALL	363349.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	5.31E-05
1539	ALL	363524.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-05
1420	ALL	363624.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-05
785	ALL	362849.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-05
1362	ALL	363199.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	5.29E-05
477	ALL	363274.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.27E-05
822	ALL	362849.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-05
1106	ALL	362949.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	5.24E-05
746	ALL	362849.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-05
1234	ALL	363074.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-05
1535	ALL	363424.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.22E-05
727	ALL	363399.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.20E-05
389	ALL	363124.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-05
504	ALL	362924.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-05
1191	ALL	363024.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-05
1540	ALL	363549.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.16E-05
544	ALL	362899.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	5.14E-05
388	ALL	363099.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	5.13E-05
860	ALL	362849.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-05
390	ALL	363149.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-05
1501	ALL	363599.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-05
425	ALL	362999.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-05
1174	ALL	363624.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	5.10E-05
706	ALL	362849.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-05
980	ALL	362874.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-05
1461	ALL	363624.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.08E-05
1091	ALL	363599.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-05
1447	ALL	363274.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-05
1534	ALL	363399.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	5.05E-05
1339	ALL	363649.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-05
464	ALL	362949.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	5.03E-05
1490	ALL	363324.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-05
387	ALL	363074.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-05
1298	ALL	363649.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	5.00E-05
645	ALL	363374.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-05
1380	ALL	363649.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-05

1541	ALL	363574.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-05
391	ALL	363174.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-05
1148	ALL	362974.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-05
767	ALL	363424.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-05
1319	ALL	363149.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-05
883	ALL	363499.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-05
924	ALL	363524.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-05
584	ALL	362874.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.93E-05
844	ALL	363474.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.92E-05
898	ALL	362849.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-05
435	ALL	363249.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-05
1404	ALL	363224.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-05
805	ALL	363449.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.90E-05
1257	ALL	363649.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.89E-05
1421	ALL	363649.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.88E-05
665	ALL	362849.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-05
966	ALL	363549.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-05
1063	ALL	362899.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-05
1502	ALL	363624.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-05
386	ALL	363049.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-05
1533	ALL	363374.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-05
1579	ALL	363499.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-05
1542	ALL	363599.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-05
1580	ALL	363524.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.77E-05
1133	ALL	363624.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-05
1276	ALL	363099.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	4.76E-05
392	ALL	363199.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-05
1008	ALL	363574.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-05
424	ALL	362974.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-05
1462	ALL	363649.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.73E-05
520	ALL	363324.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-05
1578	ALL	363474.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-05
1216	ALL	363649.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.71E-05
1233	ALL	363049.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-05
1581	ALL	363549.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-05
562	ALL	363349.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.66E-05
478	ALL	363299.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.65E-05
938	ALL	362849.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-05
1021	ALL	362874.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-05
1577	ALL	363449.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-05
1361	ALL	363174.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.63E-05
687	ALL	363399.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-05
1190	ALL	362999.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-05
1489	ALL	363299.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-05
385	ALL	363024.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-05
624	ALL	362849.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-05
503	ALL	362899.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-05
1105	ALL	362924.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-05
1582	ALL	363574.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-05
1050	ALL	363599.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-05
1543	ALL	363624.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-05
1446	ALL	363249.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.55E-05
463	ALL	362924.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-05
1532	ALL	363349.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-05
1503	ALL	363649.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-05
1576	ALL	363424.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-05
543	ALL	362874.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-05
784	ALL	362824.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-05
393	ALL	363224.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-05
604	ALL	363374.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-05
1175	ALL	363649.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-05
436	ALL	363274.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.44E-05
821	ALL	362824.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-05
745	ALL	362824.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-05
1583	ALL	363599.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-05
1147	ALL	362949.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-05
1318	ALL	363124.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-05
1092	ALL	363624.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.36E-05
423	ALL	362949.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-05
384	ALL	362999.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-05
1403	ALL	363199.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	4.34E-05
1575	ALL	363399.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-05
979	ALL	362849.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-05
705	ALL	362824.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-05
728	ALL	363424.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-05
859	ALL	362824.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-05
1544	ALL	363649.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.31E-05
583	ALL	362849.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-05
348	ALL	363124.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.29E-05
1275	ALL	363074.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-05
347	ALL	363099.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-05
1584	ALL	363624.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-05
349	ALL	363149.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-05

1622	ALL	363549.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.24E-05
1232	ALL	363024.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-05
1621	ALL	363524.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.23E-05
1531	ALL	363324.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	4.21E-05
1488	ALL	363274.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	4.20E-05
1620	ALL	363499.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-05
346	ALL	363074.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-05
664	ALL	362824.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	4.18E-05
1623	ALL	363574.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-05
1062	ALL	362874.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-05
646	ALL	363399.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-05
897	ALL	362824.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.16E-05
768	ALL	363449.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-05
925	ALL	363549.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-05
884	ALL	363524.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	4.15E-05
350	ALL	363174.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-05
1619	ALL	363474.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-05
1134	ALL	363649.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-05
1189	ALL	362974.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-05
394	ALL	363249.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.13E-05
845	ALL	363499.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-05
967	ALL	363574.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-05
1574	ALL	363374.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-05
806	ALL	363474.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-05
462	ALL	362899.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.09E-05
502	ALL	362874.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-05
479	ALL	363324.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-05
521	ALL	363349.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-05
1360	ALL	363149.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	4.08E-05
1624	ALL	363599.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-05
1585	ALL	363649.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-05
383	ALL	362974.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-05
345	ALL	363049.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-05
1445	ALL	363224.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	4.05E-05
1618	ALL	363449.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-05
1009	ALL	363599.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	4.03E-05
1104	ALL	362899.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-05
1020	ALL	362849.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-05
422	ALL	362924.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-05
623	ALL	362824.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.98E-05
437	ALL	363299.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-05
351	ALL	363199.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-05
563	ALL	363374.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-05
542	ALL	362849.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.97E-05
937	ALL	362824.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.96E-05
1625	ALL	363624.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.95E-05
1317	ALL	363099.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-05
1051	ALL	363624.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-05
1617	ALL	363424.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.91E-05
1146	ALL	362924.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-05
344	ALL	363024.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.90E-05
688	ALL	363424.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.88E-05
1530	ALL	363299.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.87E-05
1274	ALL	363049.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-05
1573	ALL	363349.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-05
1402	ALL	363174.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-05
1231	ALL	362999.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.84E-05
783	ALL	362799.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-05
1626	ALL	363649.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.81E-05
744	ALL	362799.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-05
1487	ALL	363249.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-05
1664	ALL	363574.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.79E-05
382	ALL	362949.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-05
820	ALL	362799.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-05
1663	ALL	363549.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-05
395	ALL	363274.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.78E-05
1093	ALL	363649.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-05
605	ALL	363399.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.77E-05
352	ALL	363224.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.76E-05
582	ALL	362824.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-05
1662	ALL	363524.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-05
1665	ALL	363599.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-05
1616	ALL	363399.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.74E-05
704	ALL	362799.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.73E-05
978	ALL	362824.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-05
343	ALL	362999.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.72E-05
1661	ALL	363499.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.71E-05
1188	ALL	362949.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-05
858	ALL	362799.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.70E-05
461	ALL	362874.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-05
1666	ALL	363624.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-05
729	ALL	363449.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-05
1061	ALL	362849.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.65E-05

501	ALL	362849.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-05
1660	ALL	363474.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-05
421	ALL	362899.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.64E-05
1359	ALL	363124.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	3.63E-05
663	ALL	362799.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.62E-05
307	ALL	363124.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.61E-05
1444	ALL	363199.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-05
306	ALL	363099.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.60E-05
480	ALL	363349.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.58E-05
896	ALL	362799.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-05
1572	ALL	363324.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-05
308	ALL	363149.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.57E-05
1667	ALL	363649.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-05
1316	ALL	363074.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-05
305	ALL	363074.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-05
438	ALL	363324.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-05
1659	ALL	363449.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-05
522	ALL	363374.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-05
1615	ALL	363374.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-05
926	ALL	363574.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-05
647	ALL	363424.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-05
1529	ALL	363274.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.53E-05
1273	ALL	363024.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-05
769	ALL	363474.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-05
885	ALL	363549.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-05
1103	ALL	362874.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.52E-05
968	ALL	363599.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-05
342	ALL	362974.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-05
353	ALL	363249.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-05
541	ALL	362824.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.51E-05
381	ALL	362924.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.50E-05
846	ALL	363524.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-05
309	ALL	363174.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.49E-05
807	ALL	363499.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-05
1230	ALL	362974.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.48E-05
622	ALL	362799.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-05
1019	ALL	362824.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-05
1145	ALL	362899.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-05
1010	ALL	363624.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.47E-05
304	ALL	363049.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.46E-05
396	ALL	363299.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-05
936	ALL	362799.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-05
1401	ALL	363149.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-05
564	ALL	363399.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-05
1658	ALL	363424.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-05
1486	ALL	363224.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-05
1052	ALL	363649.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.39E-05
310	ALL	363199.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-05
303	ALL	363024.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-05
1187	ALL	362924.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-05
460	ALL	362849.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-05
420	ALL	362874.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-05
1614	ALL	363349.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-05
581	ALL	362799.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-05
341	ALL	362949.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-05
782	ALL	362774.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-05
689	ALL	363449.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-05
743	ALL	362774.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-05
1571	ALL	363299.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-05
1358	ALL	363099.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-05
819	ALL	362774.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-05
500	ALL	362824.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-05
354	ALL	363274.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-05
1315	ALL	363049.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-05
703	ALL	362774.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-05
1657	ALL	363399.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-05
977	ALL	362799.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.24E-05
380	ALL	362899.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-05
606	ALL	363424.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-05
1443	ALL	363174.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-05
1272	ALL	362999.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-05
302	ALL	362999.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-05
311	ALL	363224.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-05
1528	ALL	363249.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-05
857	ALL	362774.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-05
1060	ALL	362824.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-05
662	ALL	362774.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	3.16E-05
439	ALL	363349.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-05
481	ALL	363374.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.15E-05
1229	ALL	362949.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-05
730	ALL	363474.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-05
540	ALL	362799.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-05
1102	ALL	362849.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-05

895	ALL	362774.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-05
397	ALL	363324.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	3.10E-05
340	ALL	362924.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-05
1144	ALL	362874.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-05
523	ALL	363399.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-05
266	ALL	363124.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	3.08E-05
265	ALL	363099.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-05
1400	ALL	363124.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-05
1613	ALL	363324.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-05
301	ALL	362974.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.06E-05
621	ALL	362774.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-05
1656	ALL	363374.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-05
267	ALL	363149.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-05
1485	ALL	363199.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-05
1018	ALL	362799.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-05
264	ALL	363074.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	3.04E-05
927	ALL	363599.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-05
969	ALL	363624.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-05
419	ALL	362849.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-05
648	ALL	363449.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-05
312	ALL	363249.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-05
770	ALL	363499.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-05
886	ALL	363574.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	3.02E-05
1186	ALL	362899.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-05
1011	ALL	363649.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-05
459	ALL	362824.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-05
1570	ALL	363274.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-05
847	ALL	363549.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-05
1357	ALL	363074.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-05
808	ALL	363524.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-05
268	ALL	363174.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-05
379	ALL	362874.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-05
355	ALL	363299.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-05
935	ALL	362774.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-05
263	ALL	363049.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.98E-05
1314	ALL	363024.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.97E-05
565	ALL	363424.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-05
1271	ALL	362974.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-05
580	ALL	362774.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.92E-05
499	ALL	362799.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.91E-05
300	ALL	362949.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-05
262	ALL	363024.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-05
269	ALL	363199.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-05
1442	ALL	363149.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-05
1527	ALL	363224.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-05
339	ALL	362899.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-05
781	ALL	362749.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-05
742	ALL	362749.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.87E-05
1228	ALL	362924.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.86E-05
1655	ALL	363349.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-05
818	ALL	362749.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-05
702	ALL	362749.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-05
976	ALL	362774.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-05
1059	ALL	362799.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-05
690	ALL	363474.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-05
313	ALL	363274.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-05
1612	ALL	363299.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-05
440	ALL	363374.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-05
261	ALL	362999.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-05
856	ALL	362749.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-05
398	ALL	363349.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.79E-05
607	ALL	363449.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-05
661	ALL	362749.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-05
1399	ALL	363099.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-05
539	ALL	362774.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-05
482	ALL	363399.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-05
270	ALL	363224.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-05
1101	ALL	362824.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-05
418	ALL	362824.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-05
1143	ALL	362849.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-05
1356	ALL	363049.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-05
378	ALL	362849.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-05
299	ALL	362924.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-05
1313	ALL	362999.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-05
1484	ALL	363174.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.73E-05
1569	ALL	363249.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-05
356	ALL	363324.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.72E-05
894	ALL	362749.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-05
458	ALL	362799.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.71E-05
1185	ALL	362874.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-05
620	ALL	362749.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-05
1270	ALL	362949.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-05
731	ALL	363499.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-05

524	ALL	363424.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-05
1017	ALL	362774.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-05
260	ALL	362974.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-05
338	ALL	362874.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-05
225	ALL	363124.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-05
224	ALL	363099.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-05
1654	ALL	363324.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-05
223	ALL	363074.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05
226	ALL	363149.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05
970	ALL	363649.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05
928	ALL	363624.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05
271	ALL	363249.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-05
498	ALL	362774.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-05
1227	ALL	362899.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
771	ALL	363524.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
934	ALL	362749.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
887	ALL	363599.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
649	ALL	363474.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
1441	ALL	363124.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
314	ALL	363299.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05
579	ALL	362749.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-05
848	ALL	363574.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-05
1526	ALL	363199.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-05
809	ALL	363549.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-05
222	ALL	363049.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-05
227	ALL	363174.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.58E-05
1611	ALL	363274.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-05
298	ALL	362899.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-05
566	ALL	363449.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-05
259	ALL	362949.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-05
1398	ALL	363074.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-05
1355	ALL	363024.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-05
741	ALL	362724.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-05
780	ALL	362724.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-05
221	ALL	363024.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-05
1312	ALL	362974.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-05
377	ALL	362824.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-05
1058	ALL	362774.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-05
417	ALL	362799.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-05
399	ALL	363374.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-05
701	ALL	362724.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-05
228	ALL	363199.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05
441	ALL	363399.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05
975	ALL	362749.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05
817	ALL	362724.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-05
538	ALL	362749.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05
337	ALL	362849.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05
1269	ALL	362924.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05
1100	ALL	362799.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05
357	ALL	363349.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-05
1568	ALL	363224.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-05
1483	ALL	363149.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05
272	ALL	363274.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05
660	ALL	362724.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05
1142	ALL	362824.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05
691	ALL	363499.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05
855	ALL	362724.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-05
457	ALL	362774.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-05
483	ALL	363424.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-05
220	ALL	362999.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.45E-05
1653	ALL	363299.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-05
1184	ALL	362849.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-05
258	ALL	362924.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-05
608	ALL	363474.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-05
229	ALL	363224.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-05
297	ALL	362874.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-05
315	ALL	363324.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-05
619	ALL	362724.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-05
893	ALL	362724.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-05
1440	ALL	363099.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05
1016	ALL	362749.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05
1226	ALL	362874.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-05
525	ALL	363449.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-05
219	ALL	362974.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-05
497	ALL	362749.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-05
1397	ALL	363049.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-05
1610	ALL	363249.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-05
732	ALL	363524.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-05
1525	ALL	363174.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-05
1354	ALL	362999.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-05
578	ALL	362724.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-05
1311	ALL	362949.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-05
376	ALL	362799.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-05

183	ALL	363099.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05
933	ALL	362724.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05
184	ALL	363124.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05
336	ALL	362824.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05
273	ALL	363299.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05
257	ALL	362899.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05
182	ALL	363074.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05
230	ALL	363249.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05
929	ALL	363649.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-05
185	ALL	363149.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-05
416	ALL	362774.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-05
772	ALL	363549.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-05
1268	ALL	362899.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-05
888	ALL	363624.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-05
650	ALL	363499.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-05
181	ALL	363049.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-05
218	ALL	362949.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-05
849	ALL	363599.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-05
810	ALL	363574.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-05
400	ALL	363399.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-05
567	ALL	363474.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05
296	ALL	362849.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05
186	ALL	363174.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05
358	ALL	363374.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05
1057	ALL	362749.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-05
740	ALL	362699.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-05
1482	ALL	363124.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-05
779	ALL	362699.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-05
537	ALL	362724.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
442	ALL	363424.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
1652	ALL	363274.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
1567	ALL	363199.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
700	ALL	362699.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
456	ALL	362749.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05
974	ALL	362724.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-05
180	ALL	363024.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-05
816	ALL	362699.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-05
1099	ALL	362774.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-05
1141	ALL	362799.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-05
316	ALL	363349.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-05
659	ALL	362699.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-05
1183	ALL	362824.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-05
187	ALL	363199.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-05
1439	ALL	363074.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-05
854	ALL	362699.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-05
484	ALL	363449.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-05
1396	ALL	363024.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-05
1353	ALL	362974.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-05
231	ALL	363274.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-05
256	ALL	362874.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-05
217	ALL	362924.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-05
179	ALL	362999.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.16E-05
1310	ALL	362924.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-05
692	ALL	363524.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-05
1225	ALL	362849.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-05
618	ALL	362699.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-05
274	ALL	363324.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
496	ALL	362724.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
1609	ALL	363224.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
335	ALL	362799.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
375	ALL	362774.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
1524	ALL	363149.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-05
609	ALL	363499.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-05
892	ALL	362699.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-05
1015	ALL	362724.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-05
188	ALL	363224.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-05
295	ALL	362824.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-05
415	ALL	362749.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-05
178	ALL	362974.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-05
526	ALL	363474.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-05
577	ALL	362699.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-05
1267	ALL	362874.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-05
216	ALL	362899.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-05
733	ALL	363549.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-05
932	ALL	362699.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-05
1481	ALL	363099.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-05
255	ALL	362849.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-05
359	ALL	363399.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-05
1651	ALL	363249.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-05
232	ALL	363299.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	2.04E-05
401	ALL	363424.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
142	ALL	363099.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
143	ALL	363124.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05

455	ALL	362724.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
189	ALL	363249.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
1566	ALL	363174.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
1395	ALL	362999.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
1438	ALL	363049.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-05
141	ALL	363074.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05
317	ALL	363374.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05
177	ALL	362949.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05
536	ALL	362699.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05
1352	ALL	362949.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-05
144	ALL	363149.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-05
1056	ALL	362724.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-05
773	ALL	363574.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-05
889	ALL	363649.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
739	ALL	362674.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
651	ALL	363524.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
140	ALL	363049.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
443	ALL	363449.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
778	ALL	362674.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-05
699	ALL	362674.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
850	ALL	363624.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
811	ALL	363599.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
1140	ALL	362774.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
1309	ALL	362899.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
568	ALL	363499.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-05
1182	ALL	362799.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
973	ALL	362699.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
145	ALL	363174.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
1098	ALL	362749.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
815	ALL	362674.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
275	ALL	363349.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-05
334	ALL	362774.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-05
658	ALL	362674.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-05
139	ALL	363024.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.97E-05
294	ALL	362799.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-05
374	ALL	362749.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-05
215	ALL	362874.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-05
1224	ALL	362824.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-05
853	ALL	362674.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
1523	ALL	363124.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
176	ALL	362924.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
485	ALL	363474.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
1608	ALL	363199.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
495	ALL	362699.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
146	ALL	363199.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-05
617	ALL	362674.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-05
190	ALL	363274.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-05
138	ALL	362999.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-05
254	ALL	362824.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-05
414	ALL	362724.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.92E-05
233	ALL	363324.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-05
1266	ALL	362849.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05
1014	ALL	362699.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05
693	ALL	363549.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05
891	ALL	362674.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05
1480	ALL	363074.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05
576	ALL	362674.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-05
1394	ALL	362974.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-05
1437	ALL	363024.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-05
610	ALL	363524.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-05
147	ALL	363224.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-05
1351	ALL	362924.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-05
137	ALL	362974.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-05
1650	ALL	363224.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-05
527	ALL	363499.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-05
175	ALL	362899.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-05
214	ALL	362849.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-05
360	ALL	363424.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-05
454	ALL	362699.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-05
318	ALL	363399.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-05
1565	ALL	363149.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-05
931	ALL	362674.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.85E-05
402	ALL	363449.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.84E-05
1308	ALL	362874.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-05
535	ALL	362674.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-05
333	ALL	362749.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-05
293	ALL	362774.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-05
734	ALL	363574.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-05
276	ALL	363374.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-05
191	ALL	363299.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-05
136	ALL	362949.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-05
373	ALL	362724.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-05
101	ALL	363099.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05

253	ALL	362799.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
148	ALL	363249.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
1139	ALL	362749.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
102	ALL	363124.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
738	ALL	362649.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
1181	ALL	362774.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
100	ALL	363074.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
444	ALL	363474.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-05
698	ALL	362649.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
777	ALL	362649.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
1522	ALL	363099.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
1055	ALL	362699.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
1223	ALL	362799.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
103	ALL	363149.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05
774	ALL	363599.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
972	ALL	362674.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
1097	ALL	362724.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
99	ALL	363049.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
234	ALL	363349.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
657	ALL	362649.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-05
652	ALL	363549.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
814	ALL	362649.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
174	ALL	362874.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
1607	ALL	363174.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
494	ALL	362674.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
569	ALL	363524.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-05
812	ALL	363624.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
851	ALL	363649.3	3766508	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
1479	ALL	363049.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
1436	ALL	362999.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
413	ALL	362699.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
1393	ALL	362949.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
104	ALL	363174.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
213	ALL	362824.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-05
98	ALL	363024.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-05
616	ALL	362649.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-05
1265	ALL	362824.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-05
135	ALL	362924.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-05
852	ALL	362649.3	3766533	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-05
1350	ALL	362899.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-05
486	ALL	363499.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-05
149	ALL	363274.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-05
105	ALL	363199.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-05
97	ALL	362999.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-05
1013	ALL	362674.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-05
192	ALL	363324.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-05
575	ALL	362649.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-05
890	ALL	362649.3	3766558	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-05
292	ALL	362749.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05
1649	ALL	363199.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05
1564	ALL	363124.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05
332	ALL	362724.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-05
453	ALL	362674.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
319	ALL	363424.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
252	ALL	362774.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
1307	ALL	362849.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
173	ALL	362849.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
694	ALL	363574.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
361	ALL	363449.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-05
277	ALL	363399.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05
134	ALL	362899.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05
96	ALL	362974.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05
106	ALL	363224.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-05
611	ALL	363549.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-05
372	ALL	362699.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-05
534	ALL	362649.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-05
930	ALL	362649.3	3766583	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05
1521	ALL	363074.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05
403	ALL	363474.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05
528	ALL	363524.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05
212	ALL	362799.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-05
235	ALL	363374.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-05
1435	ALL	362974.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-05
1478	ALL	363024.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-05
1392	ALL	362924.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-05
1180	ALL	362749.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-05
150	ALL	363299.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05
1138	ALL	362724.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05
95	ALL	362949.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05
735	ALL	363599.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05
1222	ALL	362774.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-05
1606	ALL	363149.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-05
412	ALL	362674.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-05

445	ALL	363499.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-05
1349	ALL	362874.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.62E-05
493	ALL	362649.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
107	ALL	363249.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
133	ALL	362874.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
60	ALL	363099.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
971	ALL	362649.3	3766608	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
172	ALL	362824.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
59	ALL	363074.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
61	ALL	363124.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
193	ALL	363349.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.61E-05
1096	ALL	362699.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-05
1264	ALL	362799.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.60E-05
58	ALL	363049.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
62	ALL	363149.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
1054	ALL	362674.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
775	ALL	363624.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
291	ALL	362724.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
251	ALL	362749.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05
653	ALL	363574.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-05
570	ALL	363549.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-05
94	ALL	362924.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.58E-05
813	ALL	363649.3	3766483	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05
331	ALL	362699.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05
1563	ALL	363099.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05
57	ALL	363024.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05
63	ALL	363174.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.57E-05
211	ALL	362774.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05
487	ALL	363524.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05
1306	ALL	362824.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05
1648	ALL	363174.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05
452	ALL	362649.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-05
1012	ALL	362649.3	3766633	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
320	ALL	363449.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
278	ALL	363424.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
1520	ALL	363049.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
108	ALL	363274.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
151	ALL	363324.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-05
56	ALL	362999.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
1434	ALL	362949.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
1477	ALL	362999.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
132	ALL	362849.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
371	ALL	362674.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
64	ALL	363199.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
362	ALL	363474.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
1391	ALL	362899.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-05
236	ALL	363399.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-05
171	ALL	362799.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.53E-05
93	ALL	362899.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.52E-05
695	ALL	363599.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-05
55	ALL	362974.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-05
404	ALL	363499.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.51E-05
194	ALL	363374.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
1348	ALL	362849.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
65	ALL	363224.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
1179	ALL	362724.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
1605	ALL	363124.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
612	ALL	363574.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-05
411	ALL	362649.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05
1221	ALL	362749.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05
529	ALL	363549.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05
250	ALL	362724.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05
1137	ALL	362699.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.49E-05
290	ALL	362699.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-05
1263	ALL	362774.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-05
109	ALL	363299.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
210	ALL	362749.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
131	ALL	362824.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
54	ALL	362949.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
92	ALL	362874.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
1562	ALL	363074.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-05
446	ALL	363524.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05
330	ALL	362674.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05
736	ALL	363624.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05
152	ALL	363349.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-05
1095	ALL	362674.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
1476	ALL	362974.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
66	ALL	363249.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
1433	ALL	362924.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
1519	ALL	363024.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
19	ALL	363099.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
170	ALL	362774.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05
18	ALL	363074.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05

20	ALL	363124.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05
1305	ALL	362799.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05
1647	ALL	363149.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05
1390	ALL	362874.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05
17	ALL	363049.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
21	ALL	363149.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
53	ALL	362924.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
279	ALL	363449.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
776	ALL	363649.3	3766458	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
370	ALL	362649.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
1053	ALL	362649.3	3766658	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-05
321	ALL	363474.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05
654	ALL	363599.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05
237	ALL	363424.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05
16	ALL	363024.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05
571	ALL	363574.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-05
22	ALL	363174.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05
91	ALL	362849.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05
488	ALL	363549.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05
130	ALL	362799.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-05
363	ALL	363499.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05
195	ALL	363399.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05
110	ALL	363324.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05
67	ALL	363274.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05
15	ALL	362999.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-05
249	ALL	362699.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
1347	ALL	362824.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
1604	ALL	363099.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
209	ALL	362724.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
52	ALL	362899.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
23	ALL	363199.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-05
289	ALL	362674.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-05
1220	ALL	362724.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
1178	ALL	362699.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
1561	ALL	363049.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
405	ALL	363524.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
169	ALL	362749.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
14	ALL	362974.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
153	ALL	363374.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
1475	ALL	362949.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
1518	ALL	362999.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-05
1432	ALL	362899.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05
329	ALL	362649.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05
696	ALL	363624.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05
1262	ALL	362749.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05
1136	ALL	362674.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-05
90	ALL	362824.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05
24	ALL	363224.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05
613	ALL	363599.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05
530	ALL	363574.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-05
51	ALL	362874.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05
1389	ALL	362849.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05
129	ALL	362774.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05
13	ALL	362949.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05
68	ALL	363299.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-05
1304	ALL	362774.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-05
1646	ALL	363124.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-05
447	ALL	363549.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-05
111	ALL	363349.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-05
1094	ALL	362649.3	3766683	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05
280	ALL	363474.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05
238	ALL	363449.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05
737	ALL	363649.3	3766433	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-05
25	ALL	363249.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05
208	ALL	362699.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05
248	ALL	362674.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05
322	ALL	363499.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05
196	ALL	363424.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05
12	ALL	362924.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05
1603	ALL	363074.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05
168	ALL	362724.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05
89	ALL	362799.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-05
50	ALL	362849.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
288	ALL	362649.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
1346	ALL	362799.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
1517	ALL	362974.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
1474	ALL	362924.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
1560	ALL	363024.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-05
364	ALL	363524.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
154	ALL	363399.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
655	ALL	363624.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
572	ALL	363599.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
1431	ALL	362874.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05

489	ALL	363574.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
69	ALL	363324.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-05
128	ALL	362749.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-05
11	ALL	362899.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-05
1219	ALL	362699.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-05
26	ALL	363274.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-05
1177	ALL	362674.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-05
1261	ALL	362724.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-05
112	ALL	363374.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-05
406	ALL	363549.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-05
1388	ALL	362824.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-05
49	ALL	362824.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-05
1645	ALL	363099.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05
1135	ALL	362649.3	3766708	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05
88	ALL	362774.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05
1303	ALL	362749.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-05
207	ALL	362674.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
697	ALL	363649.3	3766408	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
10	ALL	362874.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
247	ALL	362649.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
167	ALL	362699.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
1602	ALL	363049.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-05
239	ALL	363474.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
1516	ALL	362949.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
531	ALL	363599.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
614	ALL	363624.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
27	ALL	363299.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
281	ALL	363499.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
1559	ALL	362999.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
197	ALL	363449.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-05
1473	ALL	362899.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05
70	ALL	363349.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05
127	ALL	362724.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05
448	ALL	363574.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-05
1430	ALL	362849.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05
155	ALL	363424.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05
323	ALL	363524.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05
1345	ALL	362774.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05
48	ALL	362799.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05
9	ALL	362849.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-05
87	ALL	362749.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05
113	ALL	363399.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05
365	ALL	363549.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05
1218	ALL	362674.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-05
1644	ALL	363074.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-05
1387	ALL	362799.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-05
28	ALL	363324.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-05
1260	ALL	362699.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
656	ALL	363649.3	3766383	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
206	ALL	362649.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
573	ALL	363624.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
1176	ALL	362649.3	3766733	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
490	ALL	363599.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
166	ALL	362674.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
1601	ALL	363024.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-05
1558	ALL	362974.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
1515	ALL	362924.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
8	ALL	362824.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
47	ALL	362774.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
126	ALL	362699.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
71	ALL	363374.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
1302	ALL	362724.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
1472	ALL	362874.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
407	ALL	363574.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-05
198	ALL	363474.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
240	ALL	363499.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
86	ALL	362724.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
1429	ALL	362824.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
156	ALL	363449.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
282	ALL	363524.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-05
1344	ALL	362749.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-05
29	ALL	363349.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
114	ALL	363424.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
532	ALL	363624.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
7	ALL	362799.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
324	ALL	363549.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
615	ALL	363649.3	3766358	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
449	ALL	363599.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-05
1643	ALL	363049.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05
46	ALL	362749.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05
165	ALL	362649.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05
1557	ALL	362949.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-05
1600	ALL	362999.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05

125	ALL	362674.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05
1514	ALL	362899.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05
1386	ALL	362774.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05
72	ALL	363399.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05
1471	ALL	362849.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-05
1217	ALL	362649.3	3766758	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05
366	ALL	363574.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05
1259	ALL	362674.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05
85	ALL	362699.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-05
1301	ALL	362699.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-05
6	ALL	362774.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.07E-05
491	ALL	363624.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
574	ALL	363649.3	3766333	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
1428	ALL	362799.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
30	ALL	363374.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
199	ALL	363499.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
45	ALL	362724.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-05
157	ALL	363474.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05
241	ALL	363524.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05
408	ALL	363599.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05
1343	ALL	362724.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-05
115	ALL	363449.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
1642	ALL	363024.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
283	ALL	363549.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
124	ALL	362649.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
1599	ALL	362974.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
1556	ALL	362924.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
1513	ALL	362874.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-05
84	ALL	362674.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05
5	ALL	362749.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05
73	ALL	363424.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05
1470	ALL	362824.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-05
325	ALL	363574.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-05
1385	ALL	362749.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-05
533	ALL	363649.3	3766308	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-05
450	ALL	363624.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-05
44	ALL	362699.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-05
31	ALL	363399.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-05
1258	ALL	362649.3	3766783	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-05
367	ALL	363599.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-06
1300	ALL	362674.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-06
1427	ALL	362774.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-06
1641	ALL	362999.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-06
4	ALL	362724.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.88E-06
158	ALL	363499.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	9.87E-06
200	ALL	363524.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-06
1555	ALL	362899.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-06
1598	ALL	362949.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	9.86E-06
1512	ALL	362849.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-06
1342	ALL	362699.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.83E-06
116	ALL	363474.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-06
83	ALL	362649.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.80E-06
242	ALL	363549.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	9.79E-06
492	ALL	363649.3	3766283	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-06
74	ALL	363449.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.70E-06
1469	ALL	362799.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	9.69E-06
43	ALL	362674.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-06
409	ALL	363624.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-06
284	ALL	363574.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-06
1384	ALL	362724.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	9.63E-06
32	ALL	363424.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-06
3	ALL	362699.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-06
326	ALL	363599.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	9.46E-06
1640	ALL	362974.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-06
1554	ALL	362874.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	9.39E-06
1426	ALL	362749.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-06
1597	ALL	362924.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	9.38E-06
1511	ALL	362824.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	9.34E-06
451	ALL	363649.3	3766258	NonCancerChronicDerived_InhSoilDermMMilk	9.32E-06
1299	ALL	362649.3	3766808	NonCancerChronicDerived_InhSoilDermMMilk	9.30E-06
42	ALL	362649.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.25E-06
159	ALL	363524.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-06
117	ALL	363499.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-06
368	ALL	363624.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-06
201	ALL	363549.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	9.21E-06
1341	ALL	362674.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-06
75	ALL	363474.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-06
1468	ALL	362774.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-06
243	ALL	363574.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	9.12E-06
2	ALL	362674.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-06
1383	ALL	362699.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	9.07E-06
33	ALL	363449.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-06
285	ALL	363599.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-06

1596	ALL	362899.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-06
1553	ALL	362849.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-06
1639	ALL	362949.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-06
410	ALL	363649.3	3766233	NonCancerChronicDerived_InhSoilDermMMilk	8.92E-06
1425	ALL	362724.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	8.89E-06
1510	ALL	362799.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-06
327	ALL	363624.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-06
1	ALL	362649.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.73E-06
118	ALL	363524.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-06
160	ALL	363549.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-06
1467	ALL	362749.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	8.66E-06
76	ALL	363499.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.63E-06
1340	ALL	362649.3	3766833	NonCancerChronicDerived_InhSoilDermMMilk	8.61E-06
202	ALL	363574.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-06
34	ALL	363474.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-06
1595	ALL	362874.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-06
369	ALL	363649.3	3766208	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-06
1552	ALL	362824.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-06
1638	ALL	362924.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-06
1382	ALL	362674.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-06
244	ALL	363599.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-06
1509	ALL	362774.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-06
1424	ALL	362699.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	8.37E-06
286	ALL	363624.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	8.34E-06
1466	ALL	362724.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-06
119	ALL	363549.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-06
328	ALL	363649.3	3766183	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-06
1594	ALL	362849.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-06
77	ALL	363524.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	8.14E-06
1637	ALL	362899.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-06
161	ALL	363574.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-06
1551	ALL	362799.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-06
35	ALL	363499.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-06
203	ALL	363599.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	8.05E-06
1508	ALL	362749.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-06
1381	ALL	362649.3	3766858	NonCancerChronicDerived_InhSoilDermMMilk	7.98E-06
245	ALL	363624.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-06
1423	ALL	362674.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-06
1593	ALL	362824.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-06
287	ALL	363649.3	3766158	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-06
1465	ALL	362699.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-06
1636	ALL	362874.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.76E-06
1550	ALL	362774.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	7.73E-06
78	ALL	363549.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-06
120	ALL	363574.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-06
36	ALL	363524.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-06
162	ALL	363599.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-06
1507	ALL	362724.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-06
204	ALL	363624.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	7.54E-06
1592	ALL	362799.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.44E-06
1635	ALL	362849.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-06
1422	ALL	362649.3	3766883	NonCancerChronicDerived_InhSoilDermMMilk	7.43E-06
246	ALL	363649.3	3766133	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-06
1549	ALL	362749.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	7.37E-06
1464	ALL	362674.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	7.35E-06
79	ALL	363574.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-06
37	ALL	363549.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	7.24E-06
121	ALL	363599.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	7.23E-06
1506	ALL	362699.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	7.21E-06
163	ALL	363624.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	7.17E-06
1634	ALL	362824.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-06
1591	ALL	362774.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-06
205	ALL	363649.3	3766108	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-06
1548	ALL	362724.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	7.03E-06
1463	ALL	362649.3	3766908	NonCancerChronicDerived_InhSoilDermMMilk	6.94E-06
38	ALL	363574.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.86E-06
80	ALL	363599.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.85E-06
1505	ALL	362674.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-06
1633	ALL	362799.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-06
122	ALL	363624.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	6.81E-06
1590	ALL	362749.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-06
164	ALL	363649.3	3766083	NonCancerChronicDerived_InhSoilDermMMilk	6.75E-06
1547	ALL	362699.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.69E-06
1632	ALL	362774.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.55E-06
1589	ALL	362724.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-06
39	ALL	363599.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.50E-06
1504	ALL	362649.3	3766933	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-06
81	ALL	363624.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.48E-06
123	ALL	363649.3	3766058	NonCancerChronicDerived_InhSoilDermMMilk	6.43E-06
1546	ALL	362674.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.37E-06
1631	ALL	362749.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.28E-06
1588	ALL	362699.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-06
40	ALL	363624.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-06

82	ALL	363649.3	3766033	NonCancerChronicDerived_InhSoilDermMMilk	6.13E-06
1545	ALL	362649.3	3766958	NonCancerChronicDerived_InhSoilDermMMilk	6.07E-06
1630	ALL	362724.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-06
1587	ALL	362674.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.95E-06
41	ALL	363649.3	3766008	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-06
1629	ALL	362699.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.78E-06
1586	ALL	362649.3	3766983	NonCancerChronicDerived_InhSoilDermMMilk	5.68E-06
1628	ALL	362674.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-06
1627	ALL	362649.3	3767008	NonCancerChronicDerived_InhSoilDermMMilk	5.33E-06

*HARP - HRACalc v19044 10/5/2020 12:17:47 PM - Cancer Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_SCH_MIT\hra\SM_Wellness_School_MitHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO
870	ALL		363099.3	3766533	8.30E-07	2YrCancerDerived_Inh
872	ALL		363224.3	3766533	8.00E-07	2YrCancerDerived_Inh
912	ALL		363224.3	3766558	7.58E-07	2YrCancerDerived_Inh
795	ALL		363099.3	3766483	7.43E-07	2YrCancerDerived_Inh
952	ALL		363199.3	3766583	7.32E-07	2YrCancerDerived_Inh
757	ALL		363124.3	3766458	6.87E-07	2YrCancerDerived_Inh
834	ALL		363224.3	3766508	5.92E-07	2YrCancerDerived_Inh
953	ALL		363224.3	3766583	5.87E-07	2YrCancerDerived_Inh
950	ALL		363149.3	3766583	5.76E-07	2YrCancerDerived_Inh
677	ALL		363162.3	3766444	4.73E-07	2YrCancerDerived_Inh
913	ALL		363249.3	3766558	4.73E-07	2YrCancerDerived_Inh
908	ALL		363099.3	3766558	4.59E-07	2YrCancerDerived_Inh
993	ALL		363199.3	3766608	4.34E-07	2YrCancerDerived_Inh
756	ALL		363099.3	3766458	4.33E-07	2YrCancerDerived_Inh
873	ALL		363249.3	3766533	4.32E-07	2YrCancerDerived_Inh
954	ALL		363249.3	3766583	4.29E-07	2YrCancerDerived_Inh
831	ALL		363074.3	3766508	4.26E-07	2YrCancerDerived_Inh
994	ALL		363224.3	3766608	4.11E-07	2YrCancerDerived_Inh
992	ALL		363174.3	3766608	3.84E-07	2YrCancerDerived_Inh
949	ALL		363124.3	3766583	3.77E-07	2YrCancerDerived_Inh
869	ALL		363074.3	3766533	3.74E-07	2YrCancerDerived_Inh
794	ALL		363074.3	3766483	3.66E-07	2YrCancerDerived_Inh
718	ALL		363149.3	3766433	3.53E-07	2YrCancerDerived_Inh
995	ALL		363249.3	3766608	3.46E-07	2YrCancerDerived_Inh
717	ALL		363124.3	3766433	3.23E-07	2YrCancerDerived_Inh
835	ALL		363249.3	3766508	3.09E-07	2YrCancerDerived_Inh
955	ALL		363274.3	3766583	3.05E-07	2YrCancerDerived_Inh
914	ALL		363274.3	3766558	3.03E-07	2YrCancerDerived_Inh
991	ALL		363149.3	3766608	2.87E-07	2YrCancerDerived_Inh
1035	ALL		363224.3	3766633	2.76E-07	2YrCancerDerived_Inh
996	ALL		363274.3	3766608	2.73E-07	2YrCancerDerived_Inh
755	ALL		363074.3	3766458	2.67E-07	2YrCancerDerived_Inh
907	ALL		363074.3	3766558	2.63E-07	2YrCancerDerived_Inh
1034	ALL		363199.3	3766633	2.62E-07	2YrCancerDerived_Inh
1036	ALL		363249.3	3766633	2.60E-07	2YrCancerDerived_Inh
874	ALL		363274.3	3766533	2.57E-07	2YrCancerDerived_Inh
948	ALL		363099.3	3766583	2.54E-07	2YrCancerDerived_Inh
716	ALL		363099.3	3766433	2.52E-07	2YrCancerDerived_Inh
1037	ALL		363274.3	3766633	2.27E-07	2YrCancerDerived_Inh
830	ALL		363049.3	3766508	2.23E-07	2YrCancerDerived_Inh
1033	ALL		363174.3	3766633	2.19E-07	2YrCancerDerived_Inh
719	ALL		363199.3	3766433	2.19E-07	2YrCancerDerived_Inh
759	ALL		363224.3	3766458	2.18E-07	2YrCancerDerived_Inh
956	ALL		363299.3	3766583	2.17E-07	2YrCancerDerived_Inh
997	ALL		363299.3	3766608	2.10E-07	2YrCancerDerived_Inh
793	ALL		363049.3	3766483	2.08E-07	2YrCancerDerived_Inh
990	ALL		363124.3	3766608	2.06E-07	2YrCancerDerived_Inh
868	ALL		363049.3	3766533	2.04E-07	2YrCancerDerived_Inh
915	ALL		363299.3	3766558	2.02E-07	2YrCancerDerived_Inh
797	ALL		363249.3	3766483	1.95E-07	2YrCancerDerived_Inh
1077	ALL		363249.3	3766658	1.89E-07	2YrCancerDerived_Inh
1038	ALL		363299.3	3766633	1.88E-07	2YrCancerDerived_Inh
1076	ALL		363224.3	3766658	1.86E-07	2YrCancerDerived_Inh
836	ALL		363274.3	3766508	1.85E-07	2YrCancerDerived_Inh
715	ALL		363074.3	3766433	1.83E-07	2YrCancerDerived_Inh
676	ALL		363124.3	3766408	1.79E-07	2YrCancerDerived_Inh
1078	ALL		363274.3	3766658	1.79E-07	2YrCancerDerived_Inh
947	ALL		363074.3	3766583	1.74E-07	2YrCancerDerived_Inh
754	ALL		363049.3	3766458	1.71E-07	2YrCancerDerived_Inh
678	ALL		363174.3	3766408	1.68E-07	2YrCancerDerived_Inh
1032	ALL		363149.3	3766633	1.68E-07	2YrCancerDerived_Inh
1075	ALL		363199.3	3766658	1.67E-07	2YrCancerDerived_Inh
875	ALL		363299.3	3766533	1.65E-07	2YrCancerDerived_Inh
906	ALL		363049.3	3766558	1.63E-07	2YrCancerDerived_Inh
998	ALL		363324.3	3766608	1.60E-07	2YrCancerDerived_Inh
1079	ALL		363299.3	3766658	1.59E-07	2YrCancerDerived_Inh
957	ALL		363324.3	3766583	1.57E-07	2YrCancerDerived_Inh
675	ALL		363099.3	3766408	1.55E-07	2YrCancerDerived_Inh
989	ALL		363099.3	3766608	1.54E-07	2YrCancerDerived_Inh
1039	ALL		363324.3	3766633	1.53E-07	2YrCancerDerived_Inh
720	ALL		363224.3	3766433	1.48E-07	2YrCancerDerived_Inh
916	ALL		363324.3	3766558	1.40E-07	2YrCancerDerived_Inh
1074	ALL		363174.3	3766658	1.37E-07	2YrCancerDerived_Inh
1118	ALL		363249.3	3766683	1.37E-07	2YrCancerDerived_Inh
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1080	ALL		363324.3	3766658	1.37E-07	2YrCancerDerived_Inh
829	ALL		363024.3	3766508	1.36E-07	2YrCancerDerived_Inh
679	ALL		363199.3	3766408	1.35E-07	2YrCancerDerived_Inh
760	ALL		363249.3	3766458	1.35E-07	2YrCancerDerived_Inh
714	ALL		363049.3	3766433	1.32E-07	2YrCancerDerived_Inh

792	ALL	363024.3	3766483	1.31E-07	2YrCancerDerived_Inh
1120	ALL	363299.3	3766683	1.30E-07	2YrCancerDerived_Inh
1117	ALL	363224.3	3766683	1.28E-07	2YrCancerDerived_Inh
1031	ALL	363124.3	3766633	1.28E-07	2YrCancerDerived_Inh
867	ALL	363024.3	3766533	1.27E-07	2YrCancerDerived_Inh
674	ALL	363074.3	3766408	1.26E-07	2YrCancerDerived_Inh
798	ALL	363274.3	3766483	1.24E-07	2YrCancerDerived_Inh
999	ALL	363349.3	3766608	1.23E-07	2YrCancerDerived_Inh
1040	ALL	363349.3	3766633	1.22E-07	2YrCancerDerived_Inh
946	ALL	363049.3	3766583	1.22E-07	2YrCancerDerived_Inh
837	ALL	363299.3	3766508	1.21E-07	2YrCancerDerived_Inh
1121	ALL	363324.3	3766683	1.18E-07	2YrCancerDerived_Inh
988	ALL	363074.3	3766608	1.17E-07	2YrCancerDerived_Inh
958	ALL	363349.3	3766583	1.16E-07	2YrCancerDerived_Inh
753	ALL	363024.3	3766458	1.16E-07	2YrCancerDerived_Inh
1081	ALL	363349.3	3766658	1.15E-07	2YrCancerDerived_Inh
636	ALL	363149.3	3766383	1.13E-07	2YrCancerDerived_Inh
876	ALL	363324.3	3766533	1.13E-07	2YrCancerDerived_Inh
1116	ALL	363199.3	3766683	1.12E-07	2YrCancerDerived_Inh
635	ALL	363124.3	3766383	1.12E-07	2YrCancerDerived_Inh
905	ALL	363024.3	3766558	1.09E-07	2YrCancerDerived_Inh
1073	ALL	363149.3	3766658	1.08E-07	2YrCancerDerived_Inh
637	ALL	363174.3	3766383	1.05E-07	2YrCancerDerived_Inh
1160	ALL	363274.3	3766708	1.04E-07	2YrCancerDerived_Inh
1122	ALL	363349.3	3766683	1.04E-07	2YrCancerDerived_Inh
1161	ALL	363299.3	3766708	1.03E-07	2YrCancerDerived_Inh
680	ALL	363224.3	3766408	1.02E-07	2YrCancerDerived_Inh
634	ALL	363099.3	3766383	1.02E-07	2YrCancerDerived_Inh
1030	ALL	363099.3	3766633	1.02E-07	2YrCancerDerived_Inh
917	ALL	363349.3	3766558	1.01E-07	2YrCancerDerived_Inh
721	ALL	363249.3	3766433	1.01E-07	2YrCancerDerived_Inh
1159	ALL	363249.3	3766708	1.00E-07	2YrCancerDerived_Inh
673	ALL	363049.3	3766408	9.91E-08	2YrCancerDerived_Inh
1162	ALL	363324.3	3766708	9.82E-08	2YrCancerDerived_Inh
1041	ALL	363374.3	3766633	9.80E-08	2YrCancerDerived_Inh
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1082	ALL	363374.3	3766658	9.56E-08	2YrCancerDerived_Inh
1000	ALL	363374.3	3766608	9.54E-08	2YrCancerDerived_Inh
1115	ALL	363174.3	3766683	9.25E-08	2YrCancerDerived_Inh
828	ALL	362999.3	3766508	9.14E-08	2YrCancerDerived_Inh
1158	ALL	363224.3	3766708	9.07E-08	2YrCancerDerived_Inh
761	ALL	363274.3	3766458	9.03E-08	2YrCancerDerived_Inh
1163	ALL	363349.3	3766708	9.02E-08	2YrCancerDerived_Inh
638	ALL	363199.3	3766383	8.99E-08	2YrCancerDerived_Inh
1123	ALL	363374.3	3766683	8.96E-08	2YrCancerDerived_Inh
791	ALL	362999.3	3766483	8.95E-08	2YrCancerDerived_Inh
987	ALL	363049.3	3766608	8.93E-08	2YrCancerDerived_Inh
633	ALL	363074.3	3766383	8.86E-08	2YrCancerDerived_Inh
945	ALL	363024.3	3766583	8.76E-08	2YrCancerDerived_Inh
959	ALL	363374.3	3766583	8.73E-08	2YrCancerDerived_Inh
866	ALL	362999.3	3766533	8.65E-08	2YrCancerDerived_Inh
1072	ALL	363124.3	3766658	8.63E-08	2YrCancerDerived_Inh
799	ALL	363299.3	3766483	8.51E-08	2YrCancerDerived_Inh
838	ALL	363324.3	3766508	8.39E-08	2YrCancerDerived_Inh
1029	ALL	363074.3	3766633	8.23E-08	2YrCancerDerived_Inh
752	ALL	362999.3	3766458	8.23E-08	2YrCancerDerived_Inh
1202	ALL	363299.3	3766733	8.18E-08	2YrCancerDerived_Inh
1164	ALL	363374.3	3766708	8.10E-08	2YrCancerDerived_Inh
877	ALL	363349.3	3766533	8.06E-08	2YrCancerDerived_Inh
1203	ALL	363324.3	3766733	8.05E-08	2YrCancerDerived_Inh
1201	ALL	363274.3	3766733	7.99E-08	2YrCancerDerived_Inh
1083	ALL	363399.3	3766658	7.92E-08	2YrCancerDerived_Inh
1042	ALL	363399.3	3766633	7.88E-08	2YrCancerDerived_Inh
1157	ALL	363199.3	3766708	7.77E-08	2YrCancerDerived_Inh
672	ALL	363024.3	3766408	7.75E-08	2YrCancerDerived_Inh
904	ALL	362999.3	3766558	7.69E-08	2YrCancerDerived_Inh
1204	ALL	363349.3	3766733	7.67E-08	2YrCancerDerived_Inh
1124	ALL	363399.3	3766683	7.65E-08	2YrCancerDerived_Inh
681	ALL	363249.3	3766408	7.60E-08	2YrCancerDerived_Inh
595	ALL	363149.3	3766358	7.54E-08	2YrCancerDerived_Inh
594	ALL	363124.3	3766358	7.52E-08	2YrCancerDerived_Inh
1001	ALL	363399.3	3766608	7.47E-08	2YrCancerDerived_Inh
918	ALL	363374.3	3766558	7.45E-08	2YrCancerDerived_Inh
632	ALL	363049.3	3766383	7.44E-08	2YrCancerDerived_Inh
1114	ALL	363149.3	3766683	7.40E-08	2YrCancerDerived_Inh
1200	ALL	363249.3	3766733	7.38E-08	2YrCancerDerived_Inh
639	ALL	363224.3	3766383	7.31E-08	2YrCancerDerived_Inh
712	ALL	362999.3	3766433	7.20E-08	2YrCancerDerived_Inh
1071	ALL	363099.3	3766658	7.17E-08	2YrCancerDerived_Inh
1165	ALL	363399.3	3766708	7.15E-08	2YrCancerDerived_Inh
1205	ALL	363374.3	3766733	7.13E-08	2YrCancerDerived_Inh
593	ALL	363099.3	3766358	7.11E-08	2YrCancerDerived_Inh

596	ALL	363174.3	3766358	7.10E-08	2YrCancerDerived_Inh
722	ALL	363274.3	3766433	7.09E-08	2YrCancerDerived_Inh
986	ALL	363024.3	3766608	6.87E-08	2YrCancerDerived_Inh
960	ALL	363399.3	3766583	6.69E-08	2YrCancerDerived_Inh
1028	ALL	363049.3	3766633	6.63E-08	2YrCancerDerived_Inh
1084	ALL	363424.3	3766658	6.56E-08	2YrCancerDerived_Inh
1244	ALL	363324.3	3766758	6.55E-08	2YrCancerDerived_Inh
827	ALL	362974.3	3766508	6.53E-08	2YrCancerDerived_Inh
1199	ALL	363224.3	3766733	6.52E-08	2YrCancerDerived_Inh
944	ALL	362999.3	3766583	6.51E-08	2YrCancerDerived_Inh
1125	ALL	363424.3	3766683	6.49E-08	2YrCancerDerived_Inh
1206	ALL	363399.3	3766733	6.49E-08	2YrCancerDerived_Inh
790	ALL	362974.3	3766483	6.47E-08	2YrCancerDerived_Inh
1243	ALL	363299.3	3766758	6.45E-08	2YrCancerDerived_Inh
592	ALL	363074.3	3766358	6.44E-08	2YrCancerDerived_Inh
1245	ALL	363349.3	3766758	6.43E-08	2YrCancerDerived_Inh
762	ALL	363299.3	3766458	6.42E-08	2YrCancerDerived_Inh
1156	ALL	363174.3	3766708	6.40E-08	2YrCancerDerived_Inh
1043	ALL	363424.3	3766633	6.37E-08	2YrCancerDerived_Inh
597	ALL	363199.3	3766358	6.32E-08	2YrCancerDerived_Inh
865	ALL	362974.3	3766533	6.25E-08	2YrCancerDerived_Inh
1166	ALL	363424.3	3766708	6.23E-08	2YrCancerDerived_Inh
1246	ALL	363374.3	3766758	6.15E-08	2YrCancerDerived_Inh
631	ALL	363024.3	3766383	6.15E-08	2YrCancerDerived_Inh
800	ALL	363324.3	3766483	6.15E-08	2YrCancerDerived_Inh
839	ALL	363349.3	3766508	6.11E-08	2YrCancerDerived_Inh
751	ALL	362974.3	3766458	6.09E-08	2YrCancerDerived_Inh
671	ALL	362999.3	3766408	6.09E-08	2YrCancerDerived_Inh
1242	ALL	363274.3	3766758	6.08E-08	2YrCancerDerived_Inh
1070	ALL	363074.3	3766658	6.00E-08	2YrCancerDerived_Inh
1113	ALL	363124.3	3766683	6.00E-08	2YrCancerDerived_Inh
878	ALL	363374.3	3766533	5.98E-08	2YrCancerDerived_Inh
1002	ALL	363424.3	3766608	5.92E-08	2YrCancerDerived_Inh
1207	ALL	363424.3	3766733	5.82E-08	2YrCancerDerived_Inh
640	ALL	363249.3	3766383	5.79E-08	2YrCancerDerived_Inh
1247	ALL	363399.3	3766758	5.76E-08	2YrCancerDerived_Inh
903	ALL	362974.3	3766558	5.69E-08	2YrCancerDerived_Inh
682	ALL	363274.3	3766408	5.69E-08	2YrCancerDerived_Inh
919	ALL	363399.3	3766558	5.66E-08	2YrCancerDerived_Inh
591	ALL	363049.3	3766358	5.66E-08	2YrCancerDerived_Inh
1198	ALL	363199.3	3766733	5.56E-08	2YrCancerDerived_Inh
711	ALL	362974.3	3766433	5.52E-08	2YrCancerDerived_Inh
1241	ALL	363249.3	3766758	5.52E-08	2YrCancerDerived_Inh
1126	ALL	363449.3	3766683	5.51E-08	2YrCancerDerived_Inh
1085	ALL	363449.3	3766658	5.45E-08	2YrCancerDerived_Inh
1167	ALL	363449.3	3766708	5.40E-08	2YrCancerDerived_Inh
598	ALL	363224.3	3766358	5.39E-08	2YrCancerDerived_Inh
553	ALL	363124.3	3766333	5.38E-08	2YrCancerDerived_Inh
1027	ALL	363024.3	3766633	5.37E-08	2YrCancerDerived_Inh
985	ALL	362999.3	3766608	5.36E-08	2YrCancerDerived_Inh
554	ALL	363149.3	3766333	5.36E-08	2YrCancerDerived_Inh
1286	ALL	363349.3	3766783	5.36E-08	2YrCancerDerived_Inh
1248	ALL	363424.3	3766758	5.30E-08	2YrCancerDerived_Inh
1285	ALL	363324.3	3766783	5.30E-08	2YrCancerDerived_Inh
1287	ALL	363374.3	3766783	5.25E-08	2YrCancerDerived_Inh
961	ALL	363424.3	3766583	5.23E-08	2YrCancerDerived_Inh
1155	ALL	363149.3	3766708	5.22E-08	2YrCancerDerived_Inh
723	ALL	363299.3	3766433	5.20E-08	2YrCancerDerived_Inh
1044	ALL	363449.3	3766633	5.19E-08	2YrCancerDerived_Inh
552	ALL	363099.3	3766333	5.18E-08	2YrCancerDerived_Inh
1208	ALL	363449.3	3766733	5.16E-08	2YrCancerDerived_Inh
555	ALL	363174.3	3766333	5.10E-08	2YrCancerDerived_Inh
630	ALL	362999.3	3766383	5.06E-08	2YrCancerDerived_Inh
1112	ALL	363099.3	3766683	5.06E-08	2YrCancerDerived_Inh
1284	ALL	363299.3	3766783	5.05E-08	2YrCancerDerived_Inh
1288	ALL	363399.3	3766783	5.04E-08	2YrCancerDerived_Inh
943	ALL	362974.3	3766583	4.98E-08	2YrCancerDerived_Inh
1069	ALL	363049.3	3766658	4.95E-08	2YrCancerDerived_Inh
826	ALL	362949.3	3766508	4.89E-08	2YrCancerDerived_Inh
590	ALL	363024.3	3766358	4.88E-08	2YrCancerDerived_Inh
789	ALL	362949.3	3766483	4.87E-08	2YrCancerDerived_Inh
1240	ALL	363224.3	3766758	4.86E-08	2YrCancerDerived_Inh
670	ALL	362974.3	3766408	4.85E-08	2YrCancerDerived_Inh
551	ALL	363074.3	3766333	4.82E-08	2YrCancerDerived_Inh
1249	ALL	363449.3	3766758	4.82E-08	2YrCancerDerived_Inh
763	ALL	363324.3	3766458	4.77E-08	2YrCancerDerived_Inh
1289	ALL	363424.3	3766783	4.75E-08	2YrCancerDerived_Inh
1003	ALL	363449.3	3766608	4.74E-08	2YrCancerDerived_Inh
864	ALL	362949.3	3766533	4.70E-08	2YrCancerDerived_Inh
1283	ALL	363274.3	3766783	4.69E-08	2YrCancerDerived_Inh
1127	ALL	363474.3	3766683	4.68E-08	2YrCancerDerived_Inh
1168	ALL	363474.3	3766708	4.68E-08	2YrCancerDerived_Inh

750	ALL	362949.3	3766458	4.67E-08	2YrCancerDerived_Inh
1197	ALL	363174.3	3766733	4.67E-08	2YrCancerDerived_Inh
556	ALL	363199.3	3766333	4.65E-08	2YrCancerDerived_Inh
801	ALL	363349.3	3766483	4.62E-08	2YrCancerDerived_Inh
840	ALL	363374.3	3766508	4.62E-08	2YrCancerDerived_Inh
879	ALL	363399.3	3766533	4.57E-08	2YrCancerDerived_Inh
641	ALL	363274.3	3766383	4.56E-08	2YrCancerDerived_Inh
1209	ALL	363474.3	3766733	4.55E-08	2YrCancerDerived_Inh
1086	ALL	363474.3	3766658	4.54E-08	2YrCancerDerived_Inh
599	ALL	363249.3	3766358	4.48E-08	2YrCancerDerived_Inh
1328	ALL	363374.3	3766808	4.45E-08	2YrCancerDerived_Inh
1327	ALL	363349.3	3766808	4.44E-08	2YrCancerDerived_Inh
1290	ALL	363449.3	3766783	4.41E-08	2YrCancerDerived_Inh
920	ALL	363424.3	3766558	4.40E-08	2YrCancerDerived_Inh
550	ALL	363049.3	3766333	4.38E-08	2YrCancerDerived_Inh
1026	ALL	362999.3	3766633	4.37E-08	2YrCancerDerived_Inh
1154	ALL	363124.3	3766708	4.37E-08	2YrCancerDerived_Inh
1329	ALL	363399.3	3766808	4.36E-08	2YrCancerDerived_Inh
902	ALL	362949.3	3766558	4.36E-08	2YrCancerDerived_Inh
1250	ALL	363474.3	3766758	4.33E-08	2YrCancerDerived_Inh
683	ALL	363299.3	3766408	4.33E-08	2YrCancerDerived_Inh
710	ALL	362949.3	3766433	4.33E-08	2YrCancerDerived_Inh
1111	ALL	363074.3	3766683	4.29E-08	2YrCancerDerived_Inh
1326	ALL	363324.3	3766808	4.26E-08	2YrCancerDerived_Inh
984	ALL	362974.3	3766608	4.26E-08	2YrCancerDerived_Inh
1045	ALL	363474.3	3766633	4.26E-08	2YrCancerDerived_Inh
1282	ALL	363249.3	3766783	4.24E-08	2YrCancerDerived_Inh
1330	ALL	363424.3	3766808	4.19E-08	2YrCancerDerived_Inh
1239	ALL	363199.3	3766758	4.18E-08	2YrCancerDerived_Inh
629	ALL	362974.3	3766383	4.17E-08	2YrCancerDerived_Inh
589	ALL	362999.3	3766358	4.17E-08	2YrCancerDerived_Inh
962	ALL	363449.3	3766583	4.15E-08	2YrCancerDerived_Inh
557	ALL	363224.3	3766333	4.10E-08	2YrCancerDerived_Inh
1068	ALL	363024.3	3766658	4.08E-08	2YrCancerDerived_Inh
1291	ALL	363474.3	3766783	4.05E-08	2YrCancerDerived_Inh
1169	ALL	363499.3	3766708	4.04E-08	2YrCancerDerived_Inh
512	ALL	363124.3	3766308	4.02E-08	2YrCancerDerived_Inh
1325	ALL	363299.3	3766808	4.01E-08	2YrCancerDerived_Inh
1210	ALL	363499.3	3766733	4.00E-08	2YrCancerDerived_Inh
513	ALL	363149.3	3766308	3.99E-08	2YrCancerDerived_Inh
1128	ALL	363499.3	3766683	3.98E-08	2YrCancerDerived_Inh
1331	ALL	363449.3	3766808	3.98E-08	2YrCancerDerived_Inh
724	ALL	363324.3	3766433	3.95E-08	2YrCancerDerived_Inh
511	ALL	363099.3	3766308	3.92E-08	2YrCancerDerived_Inh
942	ALL	362949.3	3766583	3.92E-08	2YrCancerDerived_Inh
1196	ALL	363149.3	3766733	3.91E-08	2YrCancerDerived_Inh
669	ALL	362949.3	3766408	3.91E-08	2YrCancerDerived_Inh
549	ALL	363024.3	3766333	3.90E-08	2YrCancerDerived_Inh
1251	ALL	363499.3	3766758	3.88E-08	2YrCancerDerived_Inh
1004	ALL	363474.3	3766608	3.84E-08	2YrCancerDerived_Inh
514	ALL	363174.3	3766308	3.83E-08	2YrCancerDerived_Inh
1087	ALL	363499.3	3766658	3.80E-08	2YrCancerDerived_Inh
788	ALL	362924.3	3766483	3.80E-08	2YrCancerDerived_Inh
825	ALL	362924.3	3766508	3.80E-08	2YrCancerDerived_Inh
1370	ALL	363399.3	3766833	3.75E-08	2YrCancerDerived_Inh
1369	ALL	363374.3	3766833	3.75E-08	2YrCancerDerived_Inh
1281	ALL	363224.3	3766783	3.73E-08	2YrCancerDerived_Inh
1153	ALL	363099.3	3766708	3.73E-08	2YrCancerDerived_Inh
1332	ALL	363474.3	3766808	3.72E-08	2YrCancerDerived_Inh
510	ALL	363074.3	3766308	3.72E-08	2YrCancerDerived_Inh
1324	ALL	363274.3	3766808	3.70E-08	2YrCancerDerived_Inh
1292	ALL	363499.3	3766783	3.68E-08	2YrCancerDerived_Inh
749	ALL	362924.3	3766458	3.68E-08	2YrCancerDerived_Inh
600	ALL	363274.3	3766358	3.68E-08	2YrCancerDerived_Inh
1371	ALL	363424.3	3766833	3.67E-08	2YrCancerDerived_Inh
764	ALL	363349.3	3766458	3.67E-08	2YrCancerDerived_Inh
863	ALL	362924.3	3766533	3.66E-08	2YrCancerDerived_Inh
1110	ALL	363049.3	3766683	3.65E-08	2YrCancerDerived_Inh
1368	ALL	363349.3	3766833	3.63E-08	2YrCancerDerived_Inh
642	ALL	363299.3	3766383	3.62E-08	2YrCancerDerived_Inh
1025	ALL	362974.3	3766633	3.60E-08	2YrCancerDerived_Inh
841	ALL	363399.3	3766508	3.59E-08	2YrCancerDerived_Inh
802	ALL	363374.3	3766483	3.58E-08	2YrCancerDerived_Inh
880	ALL	363424.3	3766533	3.58E-08	2YrCancerDerived_Inh
515	ALL	363199.3	3766308	3.55E-08	2YrCancerDerived_Inh
588	ALL	362974.3	3766358	3.55E-08	2YrCancerDerived_Inh
1238	ALL	363174.3	3766758	3.55E-08	2YrCancerDerived_Inh
1372	ALL	363449.3	3766833	3.54E-08	2YrCancerDerived_Inh
558	ALL	363249.3	3766333	3.53E-08	2YrCancerDerived_Inh
1046	ALL	363499.3	3766633	3.52E-08	2YrCancerDerived_Inh
1211	ALL	363524.3	3766733	3.51E-08	2YrCancerDerived_Inh
1170	ALL	363524.3	3766708	3.49E-08	2YrCancerDerived_Inh

921	ALL	363449.3	3766558	3.49E-08	2YrCancerDerived_Inh
709	ALL	362924.3	3766433	3.47E-08	2YrCancerDerived_Inh
628	ALL	362949.3	3766383	3.46E-08	2YrCancerDerived_Inh
1367	ALL	363324.3	3766833	3.46E-08	2YrCancerDerived_Inh
1252	ALL	363524.3	3766758	3.45E-08	2YrCancerDerived_Inh
509	ALL	363049.3	3766308	3.45E-08	2YrCancerDerived_Inh
1333	ALL	363499.3	3766808	3.45E-08	2YrCancerDerived_Inh
983	ALL	362949.3	3766608	3.45E-08	2YrCancerDerived_Inh
901	ALL	362924.3	3766558	3.44E-08	2YrCancerDerived_Inh
548	ALL	362999.3	3766333	3.43E-08	2YrCancerDerived_Inh
1067	ALL	362999.3	3766658	3.41E-08	2YrCancerDerived_Inh
1129	ALL	363524.3	3766683	3.39E-08	2YrCancerDerived_Inh
684	ALL	363324.3	3766408	3.37E-08	2YrCancerDerived_Inh
1373	ALL	363474.3	3766833	3.37E-08	2YrCancerDerived_Inh
963	ALL	363474.3	3766583	3.34E-08	2YrCancerDerived_Inh
1293	ALL	363524.3	3766783	3.33E-08	2YrCancerDerived_Inh
1195	ALL	363124.3	3766733	3.33E-08	2YrCancerDerived_Inh
1323	ALL	363249.3	3766808	3.33E-08	2YrCancerDerived_Inh
1152	ALL	363074.3	3766708	3.24E-08	2YrCancerDerived_Inh
1366	ALL	363299.3	3766833	3.23E-08	2YrCancerDerived_Inh
1280	ALL	363199.3	3766783	3.22E-08	2YrCancerDerived_Inh
1411	ALL	363399.3	3766858	3.21E-08	2YrCancerDerived_Inh
668	ALL	362924.3	3766408	3.20E-08	2YrCancerDerived_Inh
516	ALL	363224.3	3766308	3.20E-08	2YrCancerDerived_Inh
1412	ALL	363424.3	3766858	3.20E-08	2YrCancerDerived_Inh
1088	ALL	363524.3	3766658	3.20E-08	2YrCancerDerived_Inh
1374	ALL	363499.3	3766833	3.18E-08	2YrCancerDerived_Inh
1334	ALL	363524.3	3766808	3.17E-08	2YrCancerDerived_Inh
508	ALL	363024.3	3766308	3.15E-08	2YrCancerDerived_Inh
1005	ALL	363499.3	3766608	3.15E-08	2YrCancerDerived_Inh
941	ALL	362924.3	3766583	3.15E-08	2YrCancerDerived_Inh
1109	ALL	363024.3	3766683	3.13E-08	2YrCancerDerived_Inh
1413	ALL	363449.3	3766858	3.13E-08	2YrCancerDerived_Inh
1410	ALL	363374.3	3766858	3.12E-08	2YrCancerDerived_Inh
471	ALL	363124.3	3766283	3.11E-08	2YrCancerDerived_Inh
725	ALL	363349.3	3766433	3.09E-08	2YrCancerDerived_Inh
472	ALL	363149.3	3766283	3.08E-08	2YrCancerDerived_Inh
1212	ALL	363549.3	3766733	3.08E-08	2YrCancerDerived_Inh
1253	ALL	363549.3	3766758	3.07E-08	2YrCancerDerived_Inh
470	ALL	363099.3	3766283	3.06E-08	2YrCancerDerived_Inh
787	ALL	362899.3	3766483	3.04E-08	2YrCancerDerived_Inh
1414	ALL	363474.3	3766858	3.03E-08	2YrCancerDerived_Inh
824	ALL	362899.3	3766508	3.03E-08	2YrCancerDerived_Inh
587	ALL	362949.3	3766358	3.02E-08	2YrCancerDerived_Inh
1171	ALL	363549.3	3766708	3.02E-08	2YrCancerDerived_Inh
601	ALL	363299.3	3766358	3.02E-08	2YrCancerDerived_Inh
1237	ALL	363149.3	3766758	3.02E-08	2YrCancerDerived_Inh
547	ALL	362974.3	3766333	3.00E-08	2YrCancerDerived_Inh
1294	ALL	363549.3	3766783	3.00E-08	2YrCancerDerived_Inh
1409	ALL	363349.3	3766858	3.00E-08	2YrCancerDerived_Inh
559	ALL	363274.3	3766333	2.99E-08	2YrCancerDerived_Inh
1024	ALL	362949.3	3766633	2.99E-08	2YrCancerDerived_Inh
473	ALL	363174.3	3766283	2.98E-08	2YrCancerDerived_Inh
748	ALL	362899.3	3766458	2.97E-08	2YrCancerDerived_Inh
1375	ALL	363524.3	3766833	2.97E-08	2YrCancerDerived_Inh
1365	ALL	363274.3	3766833	2.96E-08	2YrCancerDerived_Inh
469	ALL	363074.3	3766283	2.94E-08	2YrCancerDerived_Inh
862	ALL	362899.3	3766533	2.93E-08	2YrCancerDerived_Inh
1047	ALL	363524.3	3766633	2.93E-08	2YrCancerDerived_Inh
1322	ALL	363224.3	3766808	2.93E-08	2YrCancerDerived_Inh
1066	ALL	362974.3	3766658	2.91E-08	2YrCancerDerived_Inh
765	ALL	363374.3	3766458	2.90E-08	2YrCancerDerived_Inh
643	ALL	363324.3	3766383	2.90E-08	2YrCancerDerived_Inh
1415	ALL	363499.3	3766858	2.90E-08	2YrCancerDerived_Inh
1130	ALL	363549.3	3766683	2.90E-08	2YrCancerDerived_Inh
627	ALL	362924.3	3766383	2.90E-08	2YrCancerDerived_Inh
1335	ALL	363549.3	3766808	2.89E-08	2YrCancerDerived_Inh
1194	ALL	363099.3	3766733	2.89E-08	2YrCancerDerived_Inh
881	ALL	363449.3	3766533	2.86E-08	2YrCancerDerived_Inh
842	ALL	363424.3	3766508	2.86E-08	2YrCancerDerived_Inh
803	ALL	363399.3	3766483	2.85E-08	2YrCancerDerived_Inh
507	ALL	362999.3	3766308	2.84E-08	2YrCancerDerived_Inh
1408	ALL	363324.3	3766858	2.84E-08	2YrCancerDerived_Inh
708	ALL	362899.3	3766433	2.84E-08	2YrCancerDerived_Inh
1151	ALL	363049.3	3766708	2.83E-08	2YrCancerDerived_Inh
517	ALL	363249.3	3766308	2.83E-08	2YrCancerDerived_Inh
982	ALL	362924.3	3766608	2.83E-08	2YrCancerDerived_Inh
922	ALL	363474.3	3766558	2.82E-08	2YrCancerDerived_Inh
474	ALL	363199.3	3766283	2.79E-08	2YrCancerDerived_Inh
900	ALL	362899.3	3766558	2.78E-08	2YrCancerDerived_Inh
1453	ALL	363424.3	3766883	2.78E-08	2YrCancerDerived_Inh
468	ALL	363049.3	3766283	2.77E-08	2YrCancerDerived_Inh

1279	ALL	363174.3	3766783	2.77E-08	2YrCancerDerived_Inh
1454	ALL	363449.3	3766883	2.76E-08	2YrCancerDerived_Inh
1376	ALL	363549.3	3766833	2.75E-08	2YrCancerDerived_Inh
1416	ALL	363524.3	3766858	2.74E-08	2YrCancerDerived_Inh
964	ALL	363499.3	3766583	2.73E-08	2YrCancerDerived_Inh
1254	ALL	363574.3	3766758	2.73E-08	2YrCancerDerived_Inh
1452	ALL	363399.3	3766883	2.71E-08	2YrCancerDerived_Inh
1089	ALL	363549.3	3766658	2.71E-08	2YrCancerDerived_Inh
1108	ALL	362999.3	3766683	2.70E-08	2YrCancerDerived_Inh
1455	ALL	363474.3	3766883	2.70E-08	2YrCancerDerived_Inh
1213	ALL	363574.3	3766733	2.70E-08	2YrCancerDerived_Inh
1295	ALL	363574.3	3766783	2.70E-08	2YrCancerDerived_Inh
685	ALL	363349.3	3766408	2.69E-08	2YrCancerDerived_Inh
667	ALL	362899.3	3766408	2.66E-08	2YrCancerDerived_Inh
1364	ALL	363249.3	3766833	2.66E-08	2YrCancerDerived_Inh
1407	ALL	363299.3	3766858	2.63E-08	2YrCancerDerived_Inh
1336	ALL	363574.3	3766808	2.63E-08	2YrCancerDerived_Inh
546	ALL	362949.3	3766333	2.62E-08	2YrCancerDerived_Inh
1172	ALL	363574.3	3766708	2.62E-08	2YrCancerDerived_Inh
1456	ALL	363499.3	3766883	2.62E-08	2YrCancerDerived_Inh
1451	ALL	363374.3	3766883	2.62E-08	2YrCancerDerived_Inh
1006	ALL	363524.3	3766608	2.61E-08	2YrCancerDerived_Inh
1236	ALL	363124.3	3766758	2.60E-08	2YrCancerDerived_Inh
586	ALL	362924.3	3766358	2.59E-08	2YrCancerDerived_Inh
1417	ALL	363549.3	3766858	2.58E-08	2YrCancerDerived_Inh
467	ALL	363024.3	3766283	2.58E-08	2YrCancerDerived_Inh
940	ALL	362899.3	3766583	2.58E-08	2YrCancerDerived_Inh
475	ALL	363224.3	3766283	2.56E-08	2YrCancerDerived_Inh
1321	ALL	363199.3	3766808	2.55E-08	2YrCancerDerived_Inh
506	ALL	362974.3	3766308	2.54E-08	2YrCancerDerived_Inh
1193	ALL	363074.3	3766733	2.54E-08	2YrCancerDerived_Inh
1377	ALL	363574.3	3766833	2.53E-08	2YrCancerDerived_Inh
560	ALL	363299.3	3766333	2.53E-08	2YrCancerDerived_Inh
1457	ALL	363524.3	3766883	2.51E-08	2YrCancerDerived_Inh
1065	ALL	362949.3	3766658	2.51E-08	2YrCancerDerived_Inh
1023	ALL	362924.3	3766633	2.50E-08	2YrCancerDerived_Inh
1450	ALL	363349.3	3766883	2.50E-08	2YrCancerDerived_Inh
1150	ALL	363024.3	3766708	2.49E-08	2YrCancerDerived_Inh
602	ALL	363324.3	3766358	2.49E-08	2YrCancerDerived_Inh
1131	ALL	363574.3	3766683	2.49E-08	2YrCancerDerived_Inh
786	ALL	362874.3	3766483	2.48E-08	2YrCancerDerived_Inh
430	ALL	363124.3	3766258	2.47E-08	2YrCancerDerived_Inh
726	ALL	363374.3	3766433	2.47E-08	2YrCancerDerived_Inh
823	ALL	362874.3	3766508	2.47E-08	2YrCancerDerived_Inh
518	ALL	363274.3	3766308	2.46E-08	2YrCancerDerived_Inh
1048	ALL	363549.3	3766633	2.46E-08	2YrCancerDerived_Inh
431	ALL	363149.3	3766258	2.45E-08	2YrCancerDerived_Inh
429	ALL	363099.3	3766258	2.45E-08	2YrCancerDerived_Inh
626	ALL	362899.3	3766383	2.45E-08	2YrCancerDerived_Inh
747	ALL	362874.3	3766458	2.44E-08	2YrCancerDerived_Inh
1296	ALL	363599.3	3766783	2.42E-08	2YrCancerDerived_Inh
1255	ALL	363599.3	3766758	2.42E-08	2YrCancerDerived_Inh
1495	ALL	363449.3	3766908	2.41E-08	2YrCancerDerived_Inh
1418	ALL	363574.3	3766858	2.40E-08	2YrCancerDerived_Inh
1406	ALL	363274.3	3766858	2.40E-08	2YrCancerDerived_Inh
1496	ALL	363474.3	3766908	2.40E-08	2YrCancerDerived_Inh
861	ALL	362874.3	3766533	2.40E-08	2YrCancerDerived_Inh
1458	ALL	363549.3	3766883	2.39E-08	2YrCancerDerived_Inh
1337	ALL	363599.3	3766808	2.39E-08	2YrCancerDerived_Inh
1278	ALL	363149.3	3766783	2.39E-08	2YrCancerDerived_Inh
432	ALL	363174.3	3766258	2.38E-08	2YrCancerDerived_Inh
428	ALL	363074.3	3766258	2.37E-08	2YrCancerDerived_Inh
1494	ALL	363424.3	3766908	2.37E-08	2YrCancerDerived_Inh
1214	ALL	363599.3	3766733	2.37E-08	2YrCancerDerived_Inh
466	ALL	362999.3	3766283	2.37E-08	2YrCancerDerived_Inh
644	ALL	363349.3	3766383	2.36E-08	2YrCancerDerived_Inh
707	ALL	362874.3	3766433	2.35E-08	2YrCancerDerived_Inh
1497	ALL	363499.3	3766908	2.35E-08	2YrCancerDerived_Inh
981	ALL	362899.3	3766608	2.35E-08	2YrCancerDerived_Inh
766	ALL	363399.3	3766458	2.35E-08	2YrCancerDerived_Inh
1363	ALL	363224.3	3766833	2.35E-08	2YrCancerDerived_Inh
1107	ALL	362974.3	3766683	2.34E-08	2YrCancerDerived_Inh
1449	ALL	363324.3	3766883	2.34E-08	2YrCancerDerived_Inh
882	ALL	363474.3	3766533	2.33E-08	2YrCancerDerived_Inh
1378	ALL	363599.3	3766833	2.32E-08	2YrCancerDerived_Inh
843	ALL	363449.3	3766508	2.32E-08	2YrCancerDerived_Inh
923	ALL	363499.3	3766558	2.31E-08	2YrCancerDerived_Inh
804	ALL	363424.3	3766483	2.31E-08	2YrCancerDerived_Inh
476	ALL	363249.3	3766283	2.31E-08	2YrCancerDerived_Inh
1090	ALL	363574.3	3766658	2.30E-08	2YrCancerDerived_Inh
1493	ALL	363399.3	3766908	2.30E-08	2YrCancerDerived_Inh
545	ALL	362924.3	3766333	2.29E-08	2YrCancerDerived_Inh

1235	ALL	363099.3	3766758	2.29E-08	2YrCancerDerived_Inh
899	ALL	362874.3	3766558	2.28E-08	2YrCancerDerived_Inh
1498	ALL	363524.3	3766908	2.28E-08	2YrCancerDerived_Inh
1173	ALL	363599.3	3766708	2.28E-08	2YrCancerDerived_Inh
427	ALL	363049.3	3766258	2.27E-08	2YrCancerDerived_Inh
505	ALL	362949.3	3766308	2.26E-08	2YrCancerDerived_Inh
965	ALL	363524.3	3766583	2.26E-08	2YrCancerDerived_Inh
1459	ALL	363574.3	3766883	2.26E-08	2YrCancerDerived_Inh
1192	ALL	363049.3	3766733	2.25E-08	2YrCancerDerived_Inh
433	ALL	363199.3	3766258	2.25E-08	2YrCancerDerived_Inh
666	ALL	362874.3	3766408	2.23E-08	2YrCancerDerived_Inh
1419	ALL	363599.3	3766858	2.23E-08	2YrCancerDerived_Inh
585	ALL	362899.3	3766358	2.22E-08	2YrCancerDerived_Inh
1492	ALL	363374.3	3766908	2.21E-08	2YrCancerDerived_Inh
1320	ALL	363174.3	3766808	2.21E-08	2YrCancerDerived_Inh
1499	ALL	363549.3	3766908	2.20E-08	2YrCancerDerived_Inh
1149	ALL	362999.3	3766708	2.19E-08	2YrCancerDerived_Inh
1064	ALL	362924.3	3766658	2.18E-08	2YrCancerDerived_Inh
1007	ALL	363549.3	3766608	2.18E-08	2YrCancerDerived_Inh
686	ALL	363374.3	3766408	2.18E-08	2YrCancerDerived_Inh
1297	ALL	363624.3	3766783	2.17E-08	2YrCancerDerived_Inh
1338	ALL	363624.3	3766808	2.16E-08	2YrCancerDerived_Inh
1448	ALL	363299.3	3766883	2.16E-08	2YrCancerDerived_Inh
465	ALL	362974.3	3766283	2.16E-08	2YrCancerDerived_Inh
1405	ALL	363249.3	3766858	2.15E-08	2YrCancerDerived_Inh
1256	ALL	363624.3	3766758	2.15E-08	2YrCancerDerived_Inh
939	ALL	362874.3	3766583	2.14E-08	2YrCancerDerived_Inh
1132	ALL	363599.3	3766683	2.14E-08	2YrCancerDerived_Inh
561	ALL	363324.3	3766333	2.14E-08	2YrCancerDerived_Inh
426	ALL	363024.3	3766258	2.14E-08	2YrCancerDerived_Inh
519	ALL	363299.3	3766308	2.13E-08	2YrCancerDerived_Inh
1379	ALL	363624.3	3766833	2.13E-08	2YrCancerDerived_Inh
1022	ALL	362899.3	3766633	2.12E-08	2YrCancerDerived_Inh
1460	ALL	363599.3	3766883	2.12E-08	2YrCancerDerived_Inh
1537	ALL	363474.3	3766933	2.11E-08	2YrCancerDerived_Inh
1538	ALL	363499.3	3766933	2.10E-08	2YrCancerDerived_Inh
1500	ALL	363574.3	3766908	2.10E-08	2YrCancerDerived_Inh
1491	ALL	363349.3	3766908	2.09E-08	2YrCancerDerived_Inh
434	ALL	363224.3	3766258	2.09E-08	2YrCancerDerived_Inh
1277	ALL	363124.3	3766783	2.09E-08	2YrCancerDerived_Inh
1049	ALL	363574.3	3766633	2.08E-08	2YrCancerDerived_Inh
625	ALL	362874.3	3766383	2.08E-08	2YrCancerDerived_Inh
1215	ALL	363624.3	3766733	2.08E-08	2YrCancerDerived_Inh
1536	ALL	363449.3	3766933	2.08E-08	2YrCancerDerived_Inh
603	ALL	363349.3	3766358	2.07E-08	2YrCancerDerived_Inh
1539	ALL	363524.3	3766933	2.06E-08	2YrCancerDerived_Inh
1420	ALL	363624.3	3766858	2.06E-08	2YrCancerDerived_Inh
785	ALL	362849.3	3766483	2.06E-08	2YrCancerDerived_Inh
1362	ALL	363199.3	3766833	2.06E-08	2YrCancerDerived_Inh
477	ALL	363274.3	3766283	2.05E-08	2YrCancerDerived_Inh
822	ALL	362849.3	3766508	2.05E-08	2YrCancerDerived_Inh
1106	ALL	362949.3	3766683	2.04E-08	2YrCancerDerived_Inh
746	ALL	362849.3	3766458	2.04E-08	2YrCancerDerived_Inh
1234	ALL	363074.3	3766758	2.03E-08	2YrCancerDerived_Inh
1535	ALL	363424.3	3766933	2.03E-08	2YrCancerDerived_Inh
727	ALL	363399.3	3766433	2.02E-08	2YrCancerDerived_Inh
389	ALL	363124.3	3766233	2.01E-08	2YrCancerDerived_Inh
504	ALL	362924.3	3766308	2.01E-08	2YrCancerDerived_Inh
1191	ALL	363024.3	3766733	2.01E-08	2YrCancerDerived_Inh
1540	ALL	363549.3	3766933	2.01E-08	2YrCancerDerived_Inh
544	ALL	362899.3	3766333	2.00E-08	2YrCancerDerived_Inh
388	ALL	363099.3	3766233	2.00E-08	2YrCancerDerived_Inh
860	ALL	362849.3	3766533	1.99E-08	2YrCancerDerived_Inh
390	ALL	363149.3	3766233	1.99E-08	2YrCancerDerived_Inh
1501	ALL	363599.3	3766908	1.99E-08	2YrCancerDerived_Inh
425	ALL	362999.3	3766258	1.99E-08	2YrCancerDerived_Inh
1174	ALL	363624.3	3766708	1.98E-08	2YrCancerDerived_Inh
706	ALL	362849.3	3766433	1.98E-08	2YrCancerDerived_Inh
980	ALL	362874.3	3766608	1.98E-08	2YrCancerDerived_Inh
1461	ALL	363624.3	3766883	1.98E-08	2YrCancerDerived_Inh
1091	ALL	363599.3	3766658	1.97E-08	2YrCancerDerived_Inh
1447	ALL	363274.3	3766883	1.97E-08	2YrCancerDerived_Inh
1534	ALL	363399.3	3766933	1.97E-08	2YrCancerDerived_Inh
1339	ALL	363649.3	3766808	1.96E-08	2YrCancerDerived_Inh
464	ALL	362949.3	3766283	1.96E-08	2YrCancerDerived_Inh
1490	ALL	363324.3	3766908	1.95E-08	2YrCancerDerived_Inh
387	ALL	363074.3	3766233	1.95E-08	2YrCancerDerived_Inh
1298	ALL	363649.3	3766783	1.95E-08	2YrCancerDerived_Inh
645	ALL	363374.3	3766383	1.94E-08	2YrCancerDerived_Inh
1380	ALL	363649.3	3766833	1.94E-08	2YrCancerDerived_Inh
1541	ALL	363574.3	3766933	1.94E-08	2YrCancerDerived_Inh
391	ALL	363174.3	3766233	1.94E-08	2YrCancerDerived_Inh

1148	ALL	362974.3	3766708	1.94E-08	2YrCancerDerived_Inh
767	ALL	363424.3	3766458	1.93E-08	2YrCancerDerived_Inh
1319	ALL	363149.3	3766808	1.93E-08	2YrCancerDerived_Inh
883	ALL	363499.3	3766533	1.93E-08	2YrCancerDerived_Inh
924	ALL	363524.3	3766558	1.92E-08	2YrCancerDerived_Inh
584	ALL	362874.3	3766358	1.92E-08	2YrCancerDerived_Inh
844	ALL	363474.3	3766508	1.92E-08	2YrCancerDerived_Inh
898	ALL	362849.3	3766558	1.91E-08	2YrCancerDerived_Inh
435	ALL	363249.3	3766258	1.91E-08	2YrCancerDerived_Inh
1404	ALL	363224.3	3766858	1.91E-08	2YrCancerDerived_Inh
805	ALL	363449.3	3766483	1.91E-08	2YrCancerDerived_Inh
1257	ALL	363649.3	3766758	1.90E-08	2YrCancerDerived_Inh
1421	ALL	363649.3	3766858	1.90E-08	2YrCancerDerived_Inh
665	ALL	362849.3	3766408	1.89E-08	2YrCancerDerived_Inh
966	ALL	363549.3	3766583	1.89E-08	2YrCancerDerived_Inh
1063	ALL	362899.3	3766658	1.89E-08	2YrCancerDerived_Inh
1502	ALL	363624.3	3766908	1.88E-08	2YrCancerDerived_Inh
386	ALL	363049.3	3766233	1.88E-08	2YrCancerDerived_Inh
1533	ALL	363374.3	3766933	1.88E-08	2YrCancerDerived_Inh
1579	ALL	363499.3	3766958	1.86E-08	2YrCancerDerived_Inh
1542	ALL	363599.3	3766933	1.86E-08	2YrCancerDerived_Inh
1580	ALL	363524.3	3766958	1.86E-08	2YrCancerDerived_Inh
1133	ALL	363624.3	3766683	1.85E-08	2YrCancerDerived_Inh
1276	ALL	363099.3	3766783	1.85E-08	2YrCancerDerived_Inh
392	ALL	363199.3	3766233	1.85E-08	2YrCancerDerived_Inh
1008	ALL	363574.3	3766608	1.84E-08	2YrCancerDerived_Inh
424	ALL	362974.3	3766258	1.84E-08	2YrCancerDerived_Inh
1462	ALL	363649.3	3766883	1.84E-08	2YrCancerDerived_Inh
520	ALL	363324.3	3766308	1.84E-08	2YrCancerDerived_Inh
1578	ALL	363474.3	3766958	1.84E-08	2YrCancerDerived_Inh
1216	ALL	363649.3	3766733	1.83E-08	2YrCancerDerived_Inh
1233	ALL	363049.3	3766758	1.83E-08	2YrCancerDerived_Inh
1581	ALL	363549.3	3766958	1.82E-08	2YrCancerDerived_Inh
562	ALL	363349.3	3766333	1.81E-08	2YrCancerDerived_Inh
478	ALL	363299.3	3766283	1.81E-08	2YrCancerDerived_Inh
938	ALL	362849.3	3766583	1.81E-08	2YrCancerDerived_Inh
1021	ALL	362874.3	3766633	1.80E-08	2YrCancerDerived_Inh
1577	ALL	363449.3	3766958	1.80E-08	2YrCancerDerived_Inh
1361	ALL	363174.3	3766833	1.80E-08	2YrCancerDerived_Inh
687	ALL	363399.3	3766408	1.80E-08	2YrCancerDerived_Inh
1190	ALL	362999.3	3766733	1.80E-08	2YrCancerDerived_Inh
1489	ALL	363299.3	3766908	1.80E-08	2YrCancerDerived_Inh
385	ALL	363024.3	3766233	1.79E-08	2YrCancerDerived_Inh
624	ALL	362849.3	3766383	1.79E-08	2YrCancerDerived_Inh
503	ALL	362899.3	3766308	1.79E-08	2YrCancerDerived_Inh
1105	ALL	362924.3	3766683	1.79E-08	2YrCancerDerived_Inh
1582	ALL	363574.3	3766958	1.78E-08	2YrCancerDerived_Inh
1050	ALL	363599.3	3766633	1.78E-08	2YrCancerDerived_Inh
1543	ALL	363624.3	3766933	1.77E-08	2YrCancerDerived_Inh
1446	ALL	363249.3	3766883	1.77E-08	2YrCancerDerived_Inh
463	ALL	362924.3	3766283	1.77E-08	2YrCancerDerived_Inh
1532	ALL	363349.3	3766933	1.77E-08	2YrCancerDerived_Inh
1503	ALL	363649.3	3766908	1.77E-08	2YrCancerDerived_Inh
1576	ALL	363424.3	3766958	1.76E-08	2YrCancerDerived_Inh
543	ALL	362874.3	3766333	1.75E-08	2YrCancerDerived_Inh
784	ALL	362824.3	3766483	1.74E-08	2YrCancerDerived_Inh
393	ALL	363224.3	3766233	1.74E-08	2YrCancerDerived_Inh
604	ALL	363374.3	3766358	1.73E-08	2YrCancerDerived_Inh
1175	ALL	363649.3	3766708	1.73E-08	2YrCancerDerived_Inh
436	ALL	363274.3	3766258	1.73E-08	2YrCancerDerived_Inh
821	ALL	362824.3	3766508	1.72E-08	2YrCancerDerived_Inh
745	ALL	362824.3	3766458	1.72E-08	2YrCancerDerived_Inh
1583	ALL	363599.3	3766958	1.72E-08	2YrCancerDerived_Inh
1147	ALL	362949.3	3766708	1.71E-08	2YrCancerDerived_Inh
1318	ALL	363124.3	3766808	1.70E-08	2YrCancerDerived_Inh
1092	ALL	363624.3	3766658	1.70E-08	2YrCancerDerived_Inh
423	ALL	362949.3	3766258	1.69E-08	2YrCancerDerived_Inh
384	ALL	362999.3	3766233	1.69E-08	2YrCancerDerived_Inh
1403	ALL	363199.3	3766858	1.69E-08	2YrCancerDerived_Inh
1575	ALL	363399.3	3766958	1.69E-08	2YrCancerDerived_Inh
979	ALL	362849.3	3766608	1.69E-08	2YrCancerDerived_Inh
705	ALL	362824.3	3766433	1.69E-08	2YrCancerDerived_Inh
728	ALL	363424.3	3766433	1.68E-08	2YrCancerDerived_Inh
859	ALL	362824.3	3766533	1.68E-08	2YrCancerDerived_Inh
1544	ALL	363649.3	3766933	1.68E-08	2YrCancerDerived_Inh
583	ALL	362849.3	3766358	1.67E-08	2YrCancerDerived_Inh
348	ALL	363124.3	3766208	1.67E-08	2YrCancerDerived_Inh
347	ALL	363099.3	3766208	1.66E-08	2YrCancerDerived_Inh
1275	ALL	363074.3	3766783	1.66E-08	2YrCancerDerived_Inh
1584	ALL	363624.3	3766958	1.66E-08	2YrCancerDerived_Inh
349	ALL	363149.3	3766208	1.65E-08	2YrCancerDerived_Inh
1622	ALL	363549.3	3766983	1.65E-08	2YrCancerDerived_Inh

1232	ALL	363024.3	3766758	1.65E-08	2YrCancerDerived_Inh
1621	ALL	363524.3	3766983	1.65E-08	2YrCancerDerived_Inh
1531	ALL	363324.3	3766933	1.64E-08	2YrCancerDerived_Inh
1488	ALL	363274.3	3766908	1.64E-08	2YrCancerDerived_Inh
1620	ALL	363499.3	3766983	1.63E-08	2YrCancerDerived_Inh
346	ALL	363074.3	3766208	1.63E-08	2YrCancerDerived_Inh
664	ALL	362824.3	3766408	1.63E-08	2YrCancerDerived_Inh
1623	ALL	363574.3	3766983	1.62E-08	2YrCancerDerived_Inh
1062	ALL	362874.3	3766658	1.62E-08	2YrCancerDerived_Inh
646	ALL	363399.3	3766383	1.62E-08	2YrCancerDerived_Inh
897	ALL	362824.3	3766558	1.62E-08	2YrCancerDerived_Inh
768	ALL	363449.3	3766458	1.62E-08	2YrCancerDerived_Inh
925	ALL	363549.3	3766558	1.62E-08	2YrCancerDerived_Inh
884	ALL	363524.3	3766533	1.61E-08	2YrCancerDerived_Inh
350	ALL	363174.3	3766208	1.61E-08	2YrCancerDerived_Inh
1619	ALL	363474.3	3766983	1.61E-08	2YrCancerDerived_Inh
1134	ALL	363649.3	3766683	1.61E-08	2YrCancerDerived_Inh
1189	ALL	362974.3	3766733	1.61E-08	2YrCancerDerived_Inh
394	ALL	363249.3	3766233	1.61E-08	2YrCancerDerived_Inh
845	ALL	363499.3	3766508	1.60E-08	2YrCancerDerived_Inh
967	ALL	363574.3	3766583	1.60E-08	2YrCancerDerived_Inh
1574	ALL	363374.3	3766958	1.60E-08	2YrCancerDerived_Inh
806	ALL	363474.3	3766483	1.60E-08	2YrCancerDerived_Inh
462	ALL	362899.3	3766283	1.59E-08	2YrCancerDerived_Inh
502	ALL	362874.3	3766308	1.59E-08	2YrCancerDerived_Inh
479	ALL	363324.3	3766283	1.59E-08	2YrCancerDerived_Inh
521	ALL	363349.3	3766308	1.59E-08	2YrCancerDerived_Inh
1360	ALL	363149.3	3766833	1.59E-08	2YrCancerDerived_Inh
1624	ALL	363599.3	3766983	1.59E-08	2YrCancerDerived_Inh
1585	ALL	363649.3	3766958	1.58E-08	2YrCancerDerived_Inh
383	ALL	362974.3	3766233	1.58E-08	2YrCancerDerived_Inh
345	ALL	363049.3	3766208	1.58E-08	2YrCancerDerived_Inh
1445	ALL	363224.3	3766883	1.58E-08	2YrCancerDerived_Inh
1618	ALL	363449.3	3766983	1.57E-08	2YrCancerDerived_Inh
1009	ALL	363599.3	3766608	1.57E-08	2YrCancerDerived_Inh
1104	ALL	362899.3	3766683	1.56E-08	2YrCancerDerived_Inh
1020	ALL	362849.3	3766633	1.55E-08	2YrCancerDerived_Inh
422	ALL	362924.3	3766258	1.55E-08	2YrCancerDerived_Inh
623	ALL	362824.3	3766383	1.55E-08	2YrCancerDerived_Inh
437	ALL	363299.3	3766258	1.55E-08	2YrCancerDerived_Inh
351	ALL	363199.3	3766208	1.55E-08	2YrCancerDerived_Inh
563	ALL	363374.3	3766333	1.55E-08	2YrCancerDerived_Inh
542	ALL	362849.3	3766333	1.54E-08	2YrCancerDerived_Inh
937	ALL	362824.3	3766583	1.54E-08	2YrCancerDerived_Inh
1625	ALL	363624.3	3766983	1.54E-08	2YrCancerDerived_Inh
1317	ALL	363099.3	3766808	1.53E-08	2YrCancerDerived_Inh
1051	ALL	363624.3	3766633	1.53E-08	2YrCancerDerived_Inh
1617	ALL	363424.3	3766983	1.52E-08	2YrCancerDerived_Inh
1146	ALL	362924.3	3766708	1.52E-08	2YrCancerDerived_Inh
344	ALL	363024.3	3766208	1.52E-08	2YrCancerDerived_Inh
688	ALL	363424.3	3766408	1.51E-08	2YrCancerDerived_Inh
1530	ALL	363299.3	3766933	1.51E-08	2YrCancerDerived_Inh
1274	ALL	363049.3	3766783	1.50E-08	2YrCancerDerived_Inh
1573	ALL	363349.3	3766958	1.50E-08	2YrCancerDerived_Inh
1402	ALL	363174.3	3766858	1.49E-08	2YrCancerDerived_Inh
1231	ALL	362999.3	3766758	1.49E-08	2YrCancerDerived_Inh
783	ALL	362799.3	3766483	1.48E-08	2YrCancerDerived_Inh
1626	ALL	363649.3	3766983	1.48E-08	2YrCancerDerived_Inh
744	ALL	362799.3	3766458	1.48E-08	2YrCancerDerived_Inh
1487	ALL	363249.3	3766908	1.48E-08	2YrCancerDerived_Inh
1664	ALL	363574.3	3767008	1.47E-08	2YrCancerDerived_Inh
382	ALL	362949.3	3766233	1.47E-08	2YrCancerDerived_Inh
820	ALL	362799.3	3766508	1.47E-08	2YrCancerDerived_Inh
1663	ALL	363549.3	3767008	1.47E-08	2YrCancerDerived_Inh
395	ALL	363274.3	3766233	1.47E-08	2YrCancerDerived_Inh
1093	ALL	363649.3	3766658	1.47E-08	2YrCancerDerived_Inh
605	ALL	363399.3	3766358	1.47E-08	2YrCancerDerived_Inh
352	ALL	363224.3	3766208	1.46E-08	2YrCancerDerived_Inh
582	ALL	362824.3	3766358	1.46E-08	2YrCancerDerived_Inh
1662	ALL	363524.3	3767008	1.46E-08	2YrCancerDerived_Inh
1665	ALL	363599.3	3767008	1.46E-08	2YrCancerDerived_Inh
1616	ALL	363399.3	3766983	1.45E-08	2YrCancerDerived_Inh
704	ALL	362799.3	3766433	1.45E-08	2YrCancerDerived_Inh
978	ALL	362824.3	3766608	1.45E-08	2YrCancerDerived_Inh
343	ALL	362999.3	3766208	1.45E-08	2YrCancerDerived_Inh
1661	ALL	363499.3	3767008	1.44E-08	2YrCancerDerived_Inh
1188	ALL	362949.3	3766733	1.44E-08	2YrCancerDerived_Inh
858	ALL	362799.3	3766533	1.44E-08	2YrCancerDerived_Inh
461	ALL	362874.3	3766283	1.43E-08	2YrCancerDerived_Inh
1666	ALL	363624.3	3767008	1.42E-08	2YrCancerDerived_Inh
729	ALL	363449.3	3766433	1.42E-08	2YrCancerDerived_Inh
1061	ALL	362849.3	3766658	1.42E-08	2YrCancerDerived_Inh

501	ALL	362849.3	3766308	1.42E-08	2YrCancerDerived_Inh
1660	ALL	363474.3	3767008	1.42E-08	2YrCancerDerived_Inh
421	ALL	362899.3	3766258	1.42E-08	2YrCancerDerived_Inh
1359	ALL	363124.3	3766833	1.41E-08	2YrCancerDerived_Inh
663	ALL	362799.3	3766408	1.41E-08	2YrCancerDerived_Inh
307	ALL	363124.3	3766183	1.40E-08	2YrCancerDerived_Inh
1444	ALL	363199.3	3766883	1.40E-08	2YrCancerDerived_Inh
306	ALL	363099.3	3766183	1.40E-08	2YrCancerDerived_Inh
480	ALL	363349.3	3766283	1.39E-08	2YrCancerDerived_Inh
896	ALL	362799.3	3766558	1.39E-08	2YrCancerDerived_Inh
1572	ALL	363324.3	3766958	1.39E-08	2YrCancerDerived_Inh
308	ALL	363149.3	3766183	1.39E-08	2YrCancerDerived_Inh
1667	ALL	363649.3	3767008	1.38E-08	2YrCancerDerived_Inh
1316	ALL	363074.3	3766808	1.38E-08	2YrCancerDerived_Inh
305	ALL	363074.3	3766183	1.38E-08	2YrCancerDerived_Inh
438	ALL	363324.3	3766258	1.38E-08	2YrCancerDerived_Inh
1659	ALL	363449.3	3767008	1.38E-08	2YrCancerDerived_Inh
522	ALL	363374.3	3766308	1.38E-08	2YrCancerDerived_Inh
1615	ALL	363374.3	3766983	1.37E-08	2YrCancerDerived_Inh
926	ALL	363574.3	3766558	1.37E-08	2YrCancerDerived_Inh
647	ALL	363424.3	3766383	1.37E-08	2YrCancerDerived_Inh
1529	ALL	363274.3	3766933	1.37E-08	2YrCancerDerived_Inh
1273	ALL	363024.3	3766783	1.37E-08	2YrCancerDerived_Inh
769	ALL	363474.3	3766458	1.37E-08	2YrCancerDerived_Inh
885	ALL	363549.3	3766533	1.37E-08	2YrCancerDerived_Inh
1103	ALL	362874.3	3766683	1.37E-08	2YrCancerDerived_Inh
968	ALL	363599.3	3766583	1.37E-08	2YrCancerDerived_Inh
342	ALL	362974.3	3766208	1.37E-08	2YrCancerDerived_Inh
353	ALL	363249.3	3766208	1.37E-08	2YrCancerDerived_Inh
541	ALL	362824.3	3766333	1.36E-08	2YrCancerDerived_Inh
381	ALL	362924.3	3766233	1.36E-08	2YrCancerDerived_Inh
846	ALL	363524.3	3766508	1.36E-08	2YrCancerDerived_Inh
309	ALL	363174.3	3766183	1.36E-08	2YrCancerDerived_Inh
807	ALL	363499.3	3766483	1.35E-08	2YrCancerDerived_Inh
1230	ALL	362974.3	3766758	1.35E-08	2YrCancerDerived_Inh
622	ALL	362799.3	3766383	1.35E-08	2YrCancerDerived_Inh
1019	ALL	362824.3	3766633	1.35E-08	2YrCancerDerived_Inh
1145	ALL	362899.3	3766708	1.35E-08	2YrCancerDerived_Inh
1010	ALL	363624.3	3766608	1.35E-08	2YrCancerDerived_Inh
304	ALL	363049.3	3766183	1.35E-08	2YrCancerDerived_Inh
396	ALL	363299.3	3766233	1.33E-08	2YrCancerDerived_Inh
936	ALL	362799.3	3766583	1.33E-08	2YrCancerDerived_Inh
1401	ALL	363149.3	3766858	1.33E-08	2YrCancerDerived_Inh
564	ALL	363399.3	3766333	1.33E-08	2YrCancerDerived_Inh
1658	ALL	363424.3	3767008	1.32E-08	2YrCancerDerived_Inh
1486	ALL	363224.3	3766908	1.32E-08	2YrCancerDerived_Inh
1052	ALL	363649.3	3766633	1.32E-08	2YrCancerDerived_Inh
310	ALL	363199.3	3766183	1.31E-08	2YrCancerDerived_Inh
303	ALL	363024.3	3766183	1.30E-08	2YrCancerDerived_Inh
1187	ALL	362924.3	3766733	1.30E-08	2YrCancerDerived_Inh
460	ALL	362849.3	3766283	1.29E-08	2YrCancerDerived_Inh
420	ALL	362874.3	3766258	1.29E-08	2YrCancerDerived_Inh
1614	ALL	363349.3	3766983	1.29E-08	2YrCancerDerived_Inh
581	ALL	362799.3	3766358	1.28E-08	2YrCancerDerived_Inh
341	ALL	362949.3	3766208	1.28E-08	2YrCancerDerived_Inh
782	ALL	362774.3	3766483	1.28E-08	2YrCancerDerived_Inh
689	ALL	363449.3	3766408	1.28E-08	2YrCancerDerived_Inh
743	ALL	362774.3	3766458	1.28E-08	2YrCancerDerived_Inh
1358	ALL	363099.3	3766833	1.28E-08	2YrCancerDerived_Inh
1571	ALL	363299.3	3766958	1.28E-08	2YrCancerDerived_Inh
819	ALL	362774.3	3766508	1.27E-08	2YrCancerDerived_Inh
500	ALL	362824.3	3766308	1.27E-08	2YrCancerDerived_Inh
354	ALL	363274.3	3766208	1.26E-08	2YrCancerDerived_Inh
1315	ALL	363049.3	3766808	1.26E-08	2YrCancerDerived_Inh
703	ALL	362774.3	3766433	1.26E-08	2YrCancerDerived_Inh
1657	ALL	363399.3	3767008	1.26E-08	2YrCancerDerived_Inh
977	ALL	362799.3	3766608	1.26E-08	2YrCancerDerived_Inh
380	ALL	362899.3	3766233	1.26E-08	2YrCancerDerived_Inh
606	ALL	363424.3	3766358	1.26E-08	2YrCancerDerived_Inh
1443	ALL	363174.3	3766883	1.25E-08	2YrCancerDerived_Inh
1272	ALL	362999.3	3766783	1.25E-08	2YrCancerDerived_Inh
302	ALL	362999.3	3766183	1.25E-08	2YrCancerDerived_Inh
311	ALL	363224.3	3766183	1.25E-08	2YrCancerDerived_Inh
1528	ALL	363249.3	3766933	1.24E-08	2YrCancerDerived_Inh
857	ALL	362774.3	3766533	1.24E-08	2YrCancerDerived_Inh
1060	ALL	362824.3	3766658	1.24E-08	2YrCancerDerived_Inh
662	ALL	362774.3	3766408	1.23E-08	2YrCancerDerived_Inh
439	ALL	363349.3	3766258	1.23E-08	2YrCancerDerived_Inh
481	ALL	363374.3	3766283	1.23E-08	2YrCancerDerived_Inh
1229	ALL	362949.3	3766758	1.22E-08	2YrCancerDerived_Inh
730	ALL	363474.3	3766433	1.21E-08	2YrCancerDerived_Inh
540	ALL	362799.3	3766333	1.21E-08	2YrCancerDerived_Inh

1102	ALL	362849.3	3766683	1.21E-08	2YrCancerDerived_Inh
895	ALL	362774.3	3766558	1.21E-08	2YrCancerDerived_Inh
397	ALL	363324.3	3766233	1.20E-08	2YrCancerDerived_Inh
340	ALL	362924.3	3766208	1.20E-08	2YrCancerDerived_Inh
1144	ALL	362874.3	3766708	1.20E-08	2YrCancerDerived_Inh
523	ALL	363399.3	3766308	1.20E-08	2YrCancerDerived_Inh
266	ALL	363124.3	3766158	1.20E-08	2YrCancerDerived_Inh
265	ALL	363099.3	3766158	1.20E-08	2YrCancerDerived_Inh
1400	ALL	363124.3	3766858	1.19E-08	2YrCancerDerived_Inh
1613	ALL	363324.3	3766983	1.19E-08	2YrCancerDerived_Inh
301	ALL	362974.3	3766183	1.19E-08	2YrCancerDerived_Inh
621	ALL	362774.3	3766383	1.19E-08	2YrCancerDerived_Inh
1656	ALL	363374.3	3767008	1.19E-08	2YrCancerDerived_Inh
267	ALL	363149.3	3766158	1.19E-08	2YrCancerDerived_Inh
1485	ALL	363199.3	3766908	1.18E-08	2YrCancerDerived_Inh
1018	ALL	362799.3	3766633	1.18E-08	2YrCancerDerived_Inh
264	ALL	363074.3	3766158	1.18E-08	2YrCancerDerived_Inh
927	ALL	363599.3	3766558	1.18E-08	2YrCancerDerived_Inh
969	ALL	363624.3	3766583	1.18E-08	2YrCancerDerived_Inh
419	ALL	362849.3	3766258	1.18E-08	2YrCancerDerived_Inh
648	ALL	363449.3	3766383	1.18E-08	2YrCancerDerived_Inh
312	ALL	363249.3	3766183	1.17E-08	2YrCancerDerived_Inh
770	ALL	363499.3	3766458	1.17E-08	2YrCancerDerived_Inh
886	ALL	363574.3	3766533	1.17E-08	2YrCancerDerived_Inh
1186	ALL	362899.3	3766733	1.17E-08	2YrCancerDerived_Inh
1011	ALL	363649.3	3766608	1.17E-08	2YrCancerDerived_Inh
459	ALL	362824.3	3766283	1.17E-08	2YrCancerDerived_Inh
1570	ALL	363274.3	3766958	1.17E-08	2YrCancerDerived_Inh
847	ALL	363549.3	3766508	1.17E-08	2YrCancerDerived_Inh
1357	ALL	363074.3	3766833	1.16E-08	2YrCancerDerived_Inh
808	ALL	363524.3	3766483	1.16E-08	2YrCancerDerived_Inh
268	ALL	363174.3	3766158	1.16E-08	2YrCancerDerived_Inh
379	ALL	362874.3	3766233	1.16E-08	2YrCancerDerived_Inh
355	ALL	363299.3	3766208	1.16E-08	2YrCancerDerived_Inh
935	ALL	362774.3	3766583	1.16E-08	2YrCancerDerived_Inh
263	ALL	363049.3	3766158	1.16E-08	2YrCancerDerived_Inh
1314	ALL	363024.3	3766808	1.16E-08	2YrCancerDerived_Inh
565	ALL	363424.3	3766333	1.15E-08	2YrCancerDerived_Inh
1271	ALL	362974.3	3766783	1.15E-08	2YrCancerDerived_Inh
580	ALL	362774.3	3766358	1.14E-08	2YrCancerDerived_Inh
499	ALL	362799.3	3766308	1.13E-08	2YrCancerDerived_Inh
300	ALL	362949.3	3766183	1.13E-08	2YrCancerDerived_Inh
262	ALL	363024.3	3766158	1.13E-08	2YrCancerDerived_Inh
269	ALL	363199.3	3766158	1.12E-08	2YrCancerDerived_Inh
1442	ALL	363149.3	3766883	1.12E-08	2YrCancerDerived_Inh
339	ALL	362899.3	3766208	1.12E-08	2YrCancerDerived_Inh
1527	ALL	363224.3	3766933	1.12E-08	2YrCancerDerived_Inh
781	ALL	362749.3	3766483	1.12E-08	2YrCancerDerived_Inh
742	ALL	362749.3	3766458	1.12E-08	2YrCancerDerived_Inh
1228	ALL	362924.3	3766758	1.11E-08	2YrCancerDerived_Inh
1655	ALL	363349.3	3767008	1.11E-08	2YrCancerDerived_Inh
818	ALL	362749.3	3766508	1.11E-08	2YrCancerDerived_Inh
702	ALL	362749.3	3766433	1.10E-08	2YrCancerDerived_Inh
976	ALL	362774.3	3766608	1.10E-08	2YrCancerDerived_Inh
1059	ALL	362799.3	3766658	1.10E-08	2YrCancerDerived_Inh
690	ALL	363474.3	3766408	1.10E-08	2YrCancerDerived_Inh
313	ALL	363274.3	3766183	1.10E-08	2YrCancerDerived_Inh
1612	ALL	363299.3	3766983	1.10E-08	2YrCancerDerived_Inh
440	ALL	363374.3	3766258	1.09E-08	2YrCancerDerived_Inh
261	ALL	362999.3	3766158	1.09E-08	2YrCancerDerived_Inh
856	ALL	362749.3	3766533	1.09E-08	2YrCancerDerived_Inh
398	ALL	363349.3	3766233	1.09E-08	2YrCancerDerived_Inh
607	ALL	363449.3	3766358	1.08E-08	2YrCancerDerived_Inh
661	ALL	362749.3	3766408	1.08E-08	2YrCancerDerived_Inh
1399	ALL	363099.3	3766858	1.08E-08	2YrCancerDerived_Inh
539	ALL	362774.3	3766333	1.08E-08	2YrCancerDerived_Inh
482	ALL	363399.3	3766283	1.08E-08	2YrCancerDerived_Inh
270	ALL	363224.3	3766158	1.08E-08	2YrCancerDerived_Inh
1101	ALL	362824.3	3766683	1.07E-08	2YrCancerDerived_Inh
418	ALL	362824.3	3766258	1.07E-08	2YrCancerDerived_Inh
1143	ALL	362849.3	3766708	1.07E-08	2YrCancerDerived_Inh
1356	ALL	363049.3	3766833	1.07E-08	2YrCancerDerived_Inh
378	ALL	362849.3	3766233	1.07E-08	2YrCancerDerived_Inh
299	ALL	362924.3	3766183	1.06E-08	2YrCancerDerived_Inh
1313	ALL	362999.3	3766808	1.06E-08	2YrCancerDerived_Inh
1484	ALL	363174.3	3766908	1.06E-08	2YrCancerDerived_Inh
1569	ALL	363249.3	3766958	1.06E-08	2YrCancerDerived_Inh
356	ALL	363324.3	3766208	1.06E-08	2YrCancerDerived_Inh
894	ALL	362749.3	3766558	1.06E-08	2YrCancerDerived_Inh
458	ALL	362799.3	3766283	1.05E-08	2YrCancerDerived_Inh
1185	ALL	362874.3	3766733	1.05E-08	2YrCancerDerived_Inh
620	ALL	362749.3	3766383	1.05E-08	2YrCancerDerived_Inh

1270	ALL	362949.3	3766783	1.05E-08	2YrCancerDerived_Inh
731	ALL	363499.3	3766433	1.05E-08	2YrCancerDerived_Inh
524	ALL	363424.3	3766308	1.05E-08	2YrCancerDerived_Inh
1017	ALL	362774.3	3766633	1.04E-08	2YrCancerDerived_Inh
260	ALL	362974.3	3766158	1.04E-08	2YrCancerDerived_Inh
338	ALL	362874.3	3766208	1.04E-08	2YrCancerDerived_Inh
225	ALL	363124.3	3766133	1.03E-08	2YrCancerDerived_Inh
224	ALL	363099.3	3766133	1.03E-08	2YrCancerDerived_Inh
1654	ALL	363324.3	3767008	1.03E-08	2YrCancerDerived_Inh
223	ALL	363074.3	3766133	1.02E-08	2YrCancerDerived_Inh
226	ALL	363149.3	3766133	1.02E-08	2YrCancerDerived_Inh
970	ALL	363649.3	3766583	1.02E-08	2YrCancerDerived_Inh
928	ALL	363624.3	3766558	1.02E-08	2YrCancerDerived_Inh
271	ALL	363249.3	3766158	1.02E-08	2YrCancerDerived_Inh
498	ALL	362774.3	3766308	1.02E-08	2YrCancerDerived_Inh
1227	ALL	362899.3	3766758	1.02E-08	2YrCancerDerived_Inh
771	ALL	363524.3	3766458	1.02E-08	2YrCancerDerived_Inh
934	ALL	362749.3	3766583	1.02E-08	2YrCancerDerived_Inh
887	ALL	363599.3	3766533	1.02E-08	2YrCancerDerived_Inh
649	ALL	363474.3	3766383	1.02E-08	2YrCancerDerived_Inh
1441	ALL	363124.3	3766883	1.02E-08	2YrCancerDerived_Inh
314	ALL	363299.3	3766183	1.01E-08	2YrCancerDerived_Inh
579	ALL	362749.3	3766358	1.01E-08	2YrCancerDerived_Inh
848	ALL	363574.3	3766508	1.01E-08	2YrCancerDerived_Inh
1526	ALL	363199.3	3766933	1.01E-08	2YrCancerDerived_Inh
809	ALL	363549.3	3766483	1.01E-08	2YrCancerDerived_Inh
222	ALL	363049.3	3766133	1.01E-08	2YrCancerDerived_Inh
227	ALL	363174.3	3766133	1.00E-08	2YrCancerDerived_Inh
1611	ALL	363274.3	3766983	1.00E-08	2YrCancerDerived_Inh
298	ALL	362899.3	3766183	1.00E-08	2YrCancerDerived_Inh
566	ALL	363449.3	3766333	9.99E-09	2YrCancerDerived_Inh
259	ALL	362949.3	3766158	9.94E-09	2YrCancerDerived_Inh
1398	ALL	363074.3	3766858	9.91E-09	2YrCancerDerived_Inh
1355	ALL	363024.3	3766833	9.84E-09	2YrCancerDerived_Inh
741	ALL	362724.3	3766458	9.84E-09	2YrCancerDerived_Inh
780	ALL	362724.3	3766483	9.83E-09	2YrCancerDerived_Inh
221	ALL	363024.3	3766133	9.82E-09	2YrCancerDerived_Inh
1312	ALL	362974.3	3766808	9.81E-09	2YrCancerDerived_Inh
377	ALL	362824.3	3766233	9.80E-09	2YrCancerDerived_Inh
1058	ALL	362774.3	3766658	9.79E-09	2YrCancerDerived_Inh
417	ALL	362799.3	3766258	9.76E-09	2YrCancerDerived_Inh
399	ALL	363374.3	3766233	9.76E-09	2YrCancerDerived_Inh
701	ALL	362724.3	3766433	9.75E-09	2YrCancerDerived_Inh
228	ALL	363199.3	3766133	9.75E-09	2YrCancerDerived_Inh
441	ALL	363399.3	3766258	9.74E-09	2YrCancerDerived_Inh
975	ALL	362749.3	3766608	9.73E-09	2YrCancerDerived_Inh
817	ALL	362724.3	3766508	9.73E-09	2YrCancerDerived_Inh
538	ALL	362749.3	3766333	9.67E-09	2YrCancerDerived_Inh
337	ALL	362849.3	3766208	9.67E-09	2YrCancerDerived_Inh
1269	ALL	362924.3	3766783	9.64E-09	2YrCancerDerived_Inh
1100	ALL	362799.3	3766683	9.63E-09	2YrCancerDerived_Inh
357	ALL	363349.3	3766208	9.63E-09	2YrCancerDerived_Inh
1568	ALL	363224.3	3766958	9.60E-09	2YrCancerDerived_Inh
1483	ALL	363149.3	3766908	9.59E-09	2YrCancerDerived_Inh
272	ALL	363274.3	3766158	9.59E-09	2YrCancerDerived_Inh
660	ALL	362724.3	3766408	9.59E-09	2YrCancerDerived_Inh
1142	ALL	362824.3	3766708	9.57E-09	2YrCancerDerived_Inh
691	ALL	363499.3	3766408	9.56E-09	2YrCancerDerived_Inh
855	ALL	362724.3	3766533	9.56E-09	2YrCancerDerived_Inh
457	ALL	362774.3	3766283	9.55E-09	2YrCancerDerived_Inh
483	ALL	363424.3	3766283	9.54E-09	2YrCancerDerived_Inh
220	ALL	362999.3	3766133	9.53E-09	2YrCancerDerived_Inh
1653	ALL	363299.3	3767008	9.48E-09	2YrCancerDerived_Inh
1184	ALL	362849.3	3766733	9.46E-09	2YrCancerDerived_Inh
258	ALL	362924.3	3766158	9.44E-09	2YrCancerDerived_Inh
608	ALL	363474.3	3766358	9.43E-09	2YrCancerDerived_Inh
229	ALL	363224.3	3766133	9.38E-09	2YrCancerDerived_Inh
297	ALL	362874.3	3766183	9.37E-09	2YrCancerDerived_Inh
315	ALL	363324.3	3766183	9.35E-09	2YrCancerDerived_Inh
619	ALL	362724.3	3766383	9.35E-09	2YrCancerDerived_Inh
893	ALL	362724.3	3766558	9.31E-09	2YrCancerDerived_Inh
1440	ALL	363099.3	3766883	9.27E-09	2YrCancerDerived_Inh
1016	ALL	362749.3	3766633	9.25E-09	2YrCancerDerived_Inh
1226	ALL	362874.3	3766758	9.23E-09	2YrCancerDerived_Inh
525	ALL	363449.3	3766308	9.21E-09	2YrCancerDerived_Inh
219	ALL	362974.3	3766133	9.19E-09	2YrCancerDerived_Inh
497	ALL	362749.3	3766308	9.18E-09	2YrCancerDerived_Inh
1397	ALL	363049.3	3766858	9.15E-09	2YrCancerDerived_Inh
1610	ALL	363249.3	3766983	9.13E-09	2YrCancerDerived_Inh
732	ALL	363524.3	3766433	9.13E-09	2YrCancerDerived_Inh
1525	ALL	363174.3	3766933	9.11E-09	2YrCancerDerived_Inh
1354	ALL	362999.3	3766833	9.11E-09	2YrCancerDerived_Inh

578	ALL	362724.3	3766358	9.05E-09	2YrCancerDerived_Inh
1311	ALL	362949.3	3766808	9.05E-09	2YrCancerDerived_Inh
376	ALL	362799.3	3766233	9.01E-09	2YrCancerDerived_Inh
183	ALL	363099.3	3766108	9.00E-09	2YrCancerDerived_Inh
933	ALL	362724.3	3766583	9.00E-09	2YrCancerDerived_Inh
184	ALL	363124.3	3766108	9.00E-09	2YrCancerDerived_Inh
336	ALL	362824.3	3766208	8.96E-09	2YrCancerDerived_Inh
273	ALL	363299.3	3766158	8.95E-09	2YrCancerDerived_Inh
257	ALL	362899.3	3766158	8.94E-09	2YrCancerDerived_Inh
182	ALL	363074.3	3766108	8.94E-09	2YrCancerDerived_Inh
230	ALL	363249.3	3766133	8.94E-09	2YrCancerDerived_Inh
929	ALL	363649.3	3766558	8.92E-09	2YrCancerDerived_Inh
185	ALL	363149.3	3766108	8.92E-09	2YrCancerDerived_Inh
416	ALL	362774.3	3766258	8.91E-09	2YrCancerDerived_Inh
772	ALL	363549.3	3766458	8.89E-09	2YrCancerDerived_Inh
1268	ALL	362899.3	3766783	8.88E-09	2YrCancerDerived_Inh
888	ALL	363624.3	3766533	8.87E-09	2YrCancerDerived_Inh
650	ALL	363499.3	3766383	8.86E-09	2YrCancerDerived_Inh
181	ALL	363049.3	3766108	8.82E-09	2YrCancerDerived_Inh
218	ALL	362949.3	3766133	8.82E-09	2YrCancerDerived_Inh
849	ALL	363599.3	3766508	8.81E-09	2YrCancerDerived_Inh
810	ALL	363574.3	3766483	8.80E-09	2YrCancerDerived_Inh
400	ALL	363399.3	3766233	8.79E-09	2YrCancerDerived_Inh
567	ALL	363474.3	3766333	8.76E-09	2YrCancerDerived_Inh
296	ALL	362849.3	3766183	8.76E-09	2YrCancerDerived_Inh
186	ALL	363174.3	3766108	8.76E-09	2YrCancerDerived_Inh
358	ALL	363374.3	3766208	8.75E-09	2YrCancerDerived_Inh
1057	ALL	362749.3	3766658	8.74E-09	2YrCancerDerived_Inh
740	ALL	362699.3	3766458	8.73E-09	2YrCancerDerived_Inh
1482	ALL	363124.3	3766908	8.72E-09	2YrCancerDerived_Inh
779	ALL	362699.3	3766483	8.71E-09	2YrCancerDerived_Inh
537	ALL	362724.3	3766333	8.70E-09	2YrCancerDerived_Inh
442	ALL	363424.3	3766258	8.69E-09	2YrCancerDerived_Inh
1652	ALL	363274.3	3767008	8.69E-09	2YrCancerDerived_Inh
1567	ALL	363199.3	3766958	8.68E-09	2YrCancerDerived_Inh
700	ALL	362699.3	3766433	8.67E-09	2YrCancerDerived_Inh
456	ALL	362749.3	3766283	8.67E-09	2YrCancerDerived_Inh
974	ALL	362724.3	3766608	8.64E-09	2YrCancerDerived_Inh
180	ALL	363024.3	3766108	8.64E-09	2YrCancerDerived_Inh
816	ALL	362699.3	3766508	8.62E-09	2YrCancerDerived_Inh
1099	ALL	362774.3	3766683	8.62E-09	2YrCancerDerived_Inh
1141	ALL	362799.3	3766708	8.60E-09	2YrCancerDerived_Inh
316	ALL	363349.3	3766183	8.59E-09	2YrCancerDerived_Inh
659	ALL	362699.3	3766408	8.55E-09	2YrCancerDerived_Inh
1183	ALL	362824.3	3766733	8.54E-09	2YrCancerDerived_Inh
187	ALL	363199.3	3766108	8.54E-09	2YrCancerDerived_Inh
1439	ALL	363074.3	3766883	8.52E-09	2YrCancerDerived_Inh
854	ALL	362699.3	3766533	8.47E-09	2YrCancerDerived_Inh
484	ALL	363449.3	3766283	8.47E-09	2YrCancerDerived_Inh
1396	ALL	363024.3	3766858	8.47E-09	2YrCancerDerived_Inh
1353	ALL	362974.3	3766833	8.45E-09	2YrCancerDerived_Inh
231	ALL	363274.3	3766133	8.45E-09	2YrCancerDerived_Inh
256	ALL	362874.3	3766158	8.44E-09	2YrCancerDerived_Inh
217	ALL	362924.3	3766133	8.43E-09	2YrCancerDerived_Inh
179	ALL	362999.3	3766108	8.41E-09	2YrCancerDerived_Inh
1310	ALL	362924.3	3766808	8.38E-09	2YrCancerDerived_Inh
692	ALL	363524.3	3766408	8.37E-09	2YrCancerDerived_Inh
1225	ALL	362849.3	3766758	8.37E-09	2YrCancerDerived_Inh
618	ALL	362699.3	3766383	8.37E-09	2YrCancerDerived_Inh
274	ALL	363324.3	3766158	8.31E-09	2YrCancerDerived_Inh
496	ALL	362724.3	3766308	8.31E-09	2YrCancerDerived_Inh
1609	ALL	363224.3	3766983	8.31E-09	2YrCancerDerived_Inh
335	ALL	362799.3	3766208	8.30E-09	2YrCancerDerived_Inh
375	ALL	362774.3	3766233	8.29E-09	2YrCancerDerived_Inh
1524	ALL	363149.3	3766933	8.27E-09	2YrCancerDerived_Inh
609	ALL	363499.3	3766358	8.27E-09	2YrCancerDerived_Inh
892	ALL	362699.3	3766558	8.27E-09	2YrCancerDerived_Inh
1015	ALL	362724.3	3766633	8.25E-09	2YrCancerDerived_Inh
188	ALL	363224.3	3766108	8.24E-09	2YrCancerDerived_Inh
295	ALL	362824.3	3766183	8.18E-09	2YrCancerDerived_Inh
415	ALL	362749.3	3766258	8.15E-09	2YrCancerDerived_Inh
178	ALL	362974.3	3766108	8.15E-09	2YrCancerDerived_Inh
526	ALL	363474.3	3766308	8.14E-09	2YrCancerDerived_Inh
577	ALL	362699.3	3766358	8.13E-09	2YrCancerDerived_Inh
1267	ALL	362874.3	3766783	8.11E-09	2YrCancerDerived_Inh
216	ALL	362899.3	3766133	8.03E-09	2YrCancerDerived_Inh
733	ALL	363549.3	3766433	8.03E-09	2YrCancerDerived_Inh
932	ALL	362699.3	3766583	8.01E-09	2YrCancerDerived_Inh
1481	ALL	363099.3	3766908	8.00E-09	2YrCancerDerived_Inh
255	ALL	362849.3	3766158	7.95E-09	2YrCancerDerived_Inh
359	ALL	363399.3	3766208	7.95E-09	2YrCancerDerived_Inh
1651	ALL	363249.3	3767008	7.94E-09	2YrCancerDerived_Inh

232	ALL	363299.3	3766133	7.94E-09	2YrCancerDerived_Inh
401	ALL	363424.3	3766233	7.92E-09	2YrCancerDerived_Inh
142	ALL	363099.3	3766083	7.92E-09	2YrCancerDerived_Inh
143	ALL	363124.3	3766083	7.91E-09	2YrCancerDerived_Inh
455	ALL	362724.3	3766283	7.89E-09	2YrCancerDerived_Inh
189	ALL	363249.3	3766108	7.89E-09	2YrCancerDerived_Inh
1566	ALL	363174.3	3766958	7.89E-09	2YrCancerDerived_Inh
1395	ALL	362999.3	3766858	7.89E-09	2YrCancerDerived_Inh
1438	ALL	363049.3	3766883	7.88E-09	2YrCancerDerived_Inh
141	ALL	363074.3	3766083	7.88E-09	2YrCancerDerived_Inh
317	ALL	363374.3	3766183	7.87E-09	2YrCancerDerived_Inh
177	ALL	362949.3	3766108	7.86E-09	2YrCancerDerived_Inh
536	ALL	362699.3	3766333	7.86E-09	2YrCancerDerived_Inh
1352	ALL	362949.3	3766833	7.85E-09	2YrCancerDerived_Inh
144	ALL	363149.3	3766083	7.84E-09	2YrCancerDerived_Inh
1056	ALL	362724.3	3766658	7.84E-09	2YrCancerDerived_Inh
773	ALL	363574.3	3766458	7.82E-09	2YrCancerDerived_Inh
889	ALL	363649.3	3766533	7.80E-09	2YrCancerDerived_Inh
739	ALL	362674.3	3766458	7.79E-09	2YrCancerDerived_Inh
651	ALL	363524.3	3766383	7.79E-09	2YrCancerDerived_Inh
140	ALL	363049.3	3766083	7.79E-09	2YrCancerDerived_Inh
443	ALL	363449.3	3766258	7.78E-09	2YrCancerDerived_Inh
778	ALL	362674.3	3766483	7.77E-09	2YrCancerDerived_Inh
699	ALL	362674.3	3766433	7.76E-09	2YrCancerDerived_Inh
850	ALL	363624.3	3766508	7.75E-09	2YrCancerDerived_Inh
811	ALL	363599.3	3766483	7.75E-09	2YrCancerDerived_Inh
1140	ALL	362774.3	3766708	7.74E-09	2YrCancerDerived_Inh
1309	ALL	362899.3	3766808	7.74E-09	2YrCancerDerived_Inh
568	ALL	363499.3	3766333	7.74E-09	2YrCancerDerived_Inh
1182	ALL	362799.3	3766733	7.72E-09	2YrCancerDerived_Inh
973	ALL	362699.3	3766608	7.72E-09	2YrCancerDerived_Inh
145	ALL	363174.3	3766083	7.71E-09	2YrCancerDerived_Inh
1098	ALL	362749.3	3766683	7.71E-09	2YrCancerDerived_Inh
815	ALL	362674.3	3766508	7.69E-09	2YrCancerDerived_Inh
275	ALL	363349.3	3766158	7.69E-09	2YrCancerDerived_Inh
334	ALL	362774.3	3766208	7.69E-09	2YrCancerDerived_Inh
658	ALL	362674.3	3766408	7.67E-09	2YrCancerDerived_Inh
139	ALL	363024.3	3766083	7.65E-09	2YrCancerDerived_Inh
294	ALL	362799.3	3766183	7.63E-09	2YrCancerDerived_Inh
374	ALL	362749.3	3766233	7.63E-09	2YrCancerDerived_Inh
215	ALL	362874.3	3766133	7.62E-09	2YrCancerDerived_Inh
1224	ALL	362824.3	3766758	7.61E-09	2YrCancerDerived_Inh
853	ALL	362674.3	3766533	7.57E-09	2YrCancerDerived_Inh
1523	ALL	363124.3	3766933	7.56E-09	2YrCancerDerived_Inh
176	ALL	362924.3	3766108	7.55E-09	2YrCancerDerived_Inh
485	ALL	363474.3	3766283	7.55E-09	2YrCancerDerived_Inh
1608	ALL	363199.3	3766983	7.55E-09	2YrCancerDerived_Inh
495	ALL	362699.3	3766308	7.54E-09	2YrCancerDerived_Inh
146	ALL	363199.3	3766083	7.53E-09	2YrCancerDerived_Inh
617	ALL	362674.3	3766383	7.53E-09	2YrCancerDerived_Inh
190	ALL	363274.3	3766108	7.50E-09	2YrCancerDerived_Inh
138	ALL	362999.3	3766083	7.48E-09	2YrCancerDerived_Inh
254	ALL	362824.3	3766158	7.47E-09	2YrCancerDerived_Inh
414	ALL	362724.3	3766258	7.47E-09	2YrCancerDerived_Inh
233	ALL	363324.3	3766133	7.42E-09	2YrCancerDerived_Inh
1266	ALL	362849.3	3766783	7.41E-09	2YrCancerDerived_Inh
1014	ALL	362699.3	3766633	7.40E-09	2YrCancerDerived_Inh
693	ALL	363549.3	3766408	7.40E-09	2YrCancerDerived_Inh
891	ALL	362674.3	3766558	7.39E-09	2YrCancerDerived_Inh
1480	ALL	363074.3	3766908	7.39E-09	2YrCancerDerived_Inh
576	ALL	362674.3	3766358	7.35E-09	2YrCancerDerived_Inh
1394	ALL	362974.3	3766858	7.34E-09	2YrCancerDerived_Inh
1437	ALL	363024.3	3766883	7.34E-09	2YrCancerDerived_Inh
610	ALL	363524.3	3766358	7.31E-09	2YrCancerDerived_Inh
147	ALL	363224.3	3766083	7.30E-09	2YrCancerDerived_Inh
1351	ALL	362924.3	3766833	7.30E-09	2YrCancerDerived_Inh
137	ALL	362974.3	3766083	7.27E-09	2YrCancerDerived_Inh
1650	ALL	363224.3	3767008	7.25E-09	2YrCancerDerived_Inh
527	ALL	363499.3	3766308	7.23E-09	2YrCancerDerived_Inh
175	ALL	362899.3	3766108	7.23E-09	2YrCancerDerived_Inh
214	ALL	362849.3	3766133	7.22E-09	2YrCancerDerived_Inh
360	ALL	363424.3	3766208	7.22E-09	2YrCancerDerived_Inh
454	ALL	362699.3	3766283	7.20E-09	2YrCancerDerived_Inh
318	ALL	363399.3	3766183	7.20E-09	2YrCancerDerived_Inh
1565	ALL	363149.3	3766958	7.19E-09	2YrCancerDerived_Inh
931	ALL	362674.3	3766583	7.18E-09	2YrCancerDerived_Inh
402	ALL	363449.3	3766233	7.15E-09	2YrCancerDerived_Inh
1308	ALL	362874.3	3766808	7.13E-09	2YrCancerDerived_Inh
535	ALL	362674.3	3766333	7.12E-09	2YrCancerDerived_Inh
333	ALL	362749.3	3766208	7.12E-09	2YrCancerDerived_Inh
293	ALL	362774.3	3766183	7.12E-09	2YrCancerDerived_Inh
734	ALL	363574.3	3766433	7.11E-09	2YrCancerDerived_Inh

276	ALL	363374.3	3766158	7.10E-09	2YrCancerDerived_Inh
191	ALL	363299.3	3766108	7.09E-09	2YrCancerDerived_Inh
136	ALL	362949.3	3766083	7.04E-09	2YrCancerDerived_Inh
373	ALL	362724.3	3766233	7.03E-09	2YrCancerDerived_Inh
101	ALL	363099.3	3766058	7.02E-09	2YrCancerDerived_Inh
253	ALL	362799.3	3766158	7.02E-09	2YrCancerDerived_Inh
148	ALL	363249.3	3766083	7.01E-09	2YrCancerDerived_Inh
1139	ALL	362749.3	3766708	7.00E-09	2YrCancerDerived_Inh
102	ALL	363124.3	3766058	7.00E-09	2YrCancerDerived_Inh
738	ALL	362649.3	3766458	7.00E-09	2YrCancerDerived_Inh
1181	ALL	362774.3	3766733	7.00E-09	2YrCancerDerived_Inh
100	ALL	363074.3	3766058	6.99E-09	2YrCancerDerived_Inh
444	ALL	363474.3	3766258	6.99E-09	2YrCancerDerived_Inh
698	ALL	362649.3	3766433	6.98E-09	2YrCancerDerived_Inh
777	ALL	362649.3	3766483	6.98E-09	2YrCancerDerived_Inh
1522	ALL	363099.3	3766933	6.97E-09	2YrCancerDerived_Inh
1055	ALL	362699.3	3766658	6.96E-09	2YrCancerDerived_Inh
1223	ALL	362799.3	3766758	6.96E-09	2YrCancerDerived_Inh
103	ALL	363149.3	3766058	6.95E-09	2YrCancerDerived_Inh
774	ALL	363599.3	3766458	6.94E-09	2YrCancerDerived_Inh
972	ALL	362674.3	3766608	6.94E-09	2YrCancerDerived_Inh
1097	ALL	362724.3	3766683	6.93E-09	2YrCancerDerived_Inh
99	ALL	363049.3	3766058	6.93E-09	2YrCancerDerived_Inh
234	ALL	363349.3	3766133	6.92E-09	2YrCancerDerived_Inh
657	ALL	362649.3	3766408	6.92E-09	2YrCancerDerived_Inh
652	ALL	363549.3	3766383	6.91E-09	2YrCancerDerived_Inh
814	ALL	362649.3	3766508	6.91E-09	2YrCancerDerived_Inh
174	ALL	362874.3	3766108	6.90E-09	2YrCancerDerived_Inh
1607	ALL	363174.3	3766983	6.88E-09	2YrCancerDerived_Inh
494	ALL	362674.3	3766308	6.87E-09	2YrCancerDerived_Inh
569	ALL	363524.3	3766333	6.87E-09	2YrCancerDerived_Inh
812	ALL	363624.3	3766483	6.87E-09	2YrCancerDerived_Inh
851	ALL	363649.3	3766508	6.87E-09	2YrCancerDerived_Inh
1479	ALL	363049.3	3766908	6.86E-09	2YrCancerDerived_Inh
1436	ALL	362999.3	3766883	6.85E-09	2YrCancerDerived_Inh
413	ALL	362699.3	3766258	6.85E-09	2YrCancerDerived_Inh
1393	ALL	362949.3	3766858	6.85E-09	2YrCancerDerived_Inh
104	ALL	363174.3	3766058	6.85E-09	2YrCancerDerived_Inh
213	ALL	362824.3	3766133	6.83E-09	2YrCancerDerived_Inh
98	ALL	363024.3	3766058	6.82E-09	2YrCancerDerived_Inh
616	ALL	362649.3	3766383	6.81E-09	2YrCancerDerived_Inh
1265	ALL	362824.3	3766783	6.80E-09	2YrCancerDerived_Inh
852	ALL	362649.3	3766533	6.79E-09	2YrCancerDerived_Inh
135	ALL	362924.3	3766083	6.79E-09	2YrCancerDerived_Inh
1350	ALL	362899.3	3766833	6.77E-09	2YrCancerDerived_Inh
486	ALL	363499.3	3766283	6.76E-09	2YrCancerDerived_Inh
149	ALL	363274.3	3766083	6.70E-09	2YrCancerDerived_Inh
105	ALL	363199.3	3766058	6.70E-09	2YrCancerDerived_Inh
97	ALL	362999.3	3766058	6.69E-09	2YrCancerDerived_Inh
1013	ALL	362674.3	3766633	6.67E-09	2YrCancerDerived_Inh
192	ALL	363324.3	3766108	6.67E-09	2YrCancerDerived_Inh
575	ALL	362649.3	3766358	6.66E-09	2YrCancerDerived_Inh
890	ALL	362649.3	3766558	6.65E-09	2YrCancerDerived_Inh
292	ALL	362749.3	3766183	6.63E-09	2YrCancerDerived_Inh
1649	ALL	363199.3	3767008	6.61E-09	2YrCancerDerived_Inh
1564	ALL	363124.3	3766958	6.61E-09	2YrCancerDerived_Inh
332	ALL	362724.3	3766208	6.60E-09	2YrCancerDerived_Inh
453	ALL	362674.3	3766283	6.60E-09	2YrCancerDerived_Inh
319	ALL	363424.3	3766183	6.59E-09	2YrCancerDerived_Inh
252	ALL	362774.3	3766158	6.58E-09	2YrCancerDerived_Inh
1307	ALL	362849.3	3766808	6.58E-09	2YrCancerDerived_Inh
173	ALL	362849.3	3766108	6.58E-09	2YrCancerDerived_Inh
694	ALL	363574.3	3766408	6.58E-09	2YrCancerDerived_Inh
361	ALL	363449.3	3766208	6.57E-09	2YrCancerDerived_Inh
277	ALL	363399.3	3766158	6.54E-09	2YrCancerDerived_Inh
134	ALL	362899.3	3766083	6.54E-09	2YrCancerDerived_Inh
96	ALL	362974.3	3766058	6.52E-09	2YrCancerDerived_Inh
106	ALL	363224.3	3766058	6.51E-09	2YrCancerDerived_Inh
611	ALL	363549.3	3766358	6.50E-09	2YrCancerDerived_Inh
372	ALL	362699.3	3766233	6.49E-09	2YrCancerDerived_Inh
534	ALL	362649.3	3766333	6.49E-09	2YrCancerDerived_Inh
930	ALL	362649.3	3766583	6.47E-09	2YrCancerDerived_Inh
1521	ALL	363074.3	3766933	6.47E-09	2YrCancerDerived_Inh
403	ALL	363474.3	3766233	6.47E-09	2YrCancerDerived_Inh
528	ALL	363524.3	3766308	6.46E-09	2YrCancerDerived_Inh
212	ALL	362799.3	3766133	6.45E-09	2YrCancerDerived_Inh
235	ALL	363374.3	3766133	6.43E-09	2YrCancerDerived_Inh
1435	ALL	362974.3	3766883	6.42E-09	2YrCancerDerived_Inh
1478	ALL	363024.3	3766908	6.41E-09	2YrCancerDerived_Inh
1392	ALL	362924.3	3766858	6.39E-09	2YrCancerDerived_Inh
1180	ALL	362749.3	3766733	6.37E-09	2YrCancerDerived_Inh
150	ALL	363299.3	3766083	6.36E-09	2YrCancerDerived_Inh

1138	ALL	362724.3	3766708	6.35E-09	2YrCancerDerived_Inh
95	ALL	362949.3	3766058	6.34E-09	2YrCancerDerived_Inh
735	ALL	363599.3	3766433	6.34E-09	2YrCancerDerived_Inh
1222	ALL	362774.3	3766758	6.33E-09	2YrCancerDerived_Inh
1606	ALL	363149.3	3766983	6.31E-09	2YrCancerDerived_Inh
412	ALL	362674.3	3766258	6.30E-09	2YrCancerDerived_Inh
445	ALL	363499.3	3766258	6.30E-09	2YrCancerDerived_Inh
1349	ALL	362874.3	3766833	6.29E-09	2YrCancerDerived_Inh
493	ALL	362649.3	3766308	6.28E-09	2YrCancerDerived_Inh
107	ALL	363249.3	3766058	6.28E-09	2YrCancerDerived_Inh
133	ALL	362874.3	3766083	6.27E-09	2YrCancerDerived_Inh
60	ALL	363099.3	3766033	6.27E-09	2YrCancerDerived_Inh
971	ALL	362649.3	3766608	6.27E-09	2YrCancerDerived_Inh
172	ALL	362824.3	3766108	6.25E-09	2YrCancerDerived_Inh
59	ALL	363074.3	3766033	6.25E-09	2YrCancerDerived_Inh
61	ALL	363124.3	3766033	6.25E-09	2YrCancerDerived_Inh
193	ALL	363349.3	3766108	6.25E-09	2YrCancerDerived_Inh
1096	ALL	362699.3	3766683	6.24E-09	2YrCancerDerived_Inh
1264	ALL	362799.3	3766783	6.24E-09	2YrCancerDerived_Inh
58	ALL	363049.3	3766033	6.20E-09	2YrCancerDerived_Inh
62	ALL	363149.3	3766033	6.20E-09	2YrCancerDerived_Inh
1054	ALL	362674.3	3766658	6.19E-09	2YrCancerDerived_Inh
775	ALL	363624.3	3766458	6.19E-09	2YrCancerDerived_Inh
291	ALL	362724.3	3766183	6.19E-09	2YrCancerDerived_Inh
251	ALL	362749.3	3766158	6.17E-09	2YrCancerDerived_Inh
653	ALL	363574.3	3766383	6.16E-09	2YrCancerDerived_Inh
570	ALL	363549.3	3766333	6.14E-09	2YrCancerDerived_Inh
94	ALL	362924.3	3766058	6.14E-09	2YrCancerDerived_Inh
813	ALL	363649.3	3766483	6.13E-09	2YrCancerDerived_Inh
331	ALL	362699.3	3766208	6.13E-09	2YrCancerDerived_Inh
1563	ALL	363099.3	3766958	6.12E-09	2YrCancerDerived_Inh
57	ALL	363024.3	3766033	6.12E-09	2YrCancerDerived_Inh
63	ALL	363174.3	3766033	6.12E-09	2YrCancerDerived_Inh
211	ALL	362774.3	3766133	6.09E-09	2YrCancerDerived_Inh
487	ALL	363524.3	3766283	6.07E-09	2YrCancerDerived_Inh
1306	ALL	362824.3	3766808	6.07E-09	2YrCancerDerived_Inh
1648	ALL	363174.3	3767008	6.06E-09	2YrCancerDerived_Inh
452	ALL	362649.3	3766283	6.05E-09	2YrCancerDerived_Inh
1012	ALL	362649.3	3766633	6.04E-09	2YrCancerDerived_Inh
320	ALL	363449.3	3766183	6.04E-09	2YrCancerDerived_Inh
278	ALL	363424.3	3766158	6.03E-09	2YrCancerDerived_Inh
1520	ALL	363049.3	3766933	6.03E-09	2YrCancerDerived_Inh
108	ALL	363274.3	3766058	6.02E-09	2YrCancerDerived_Inh
151	ALL	363324.3	3766083	6.02E-09	2YrCancerDerived_Inh
1434	ALL	362949.3	3766883	6.01E-09	2YrCancerDerived_Inh
1477	ALL	362999.3	3766908	6.01E-09	2YrCancerDerived_Inh
56	ALL	362999.3	3766033	6.01E-09	2YrCancerDerived_Inh
132	ALL	362849.3	3766083	6.00E-09	2YrCancerDerived_Inh
371	ALL	362674.3	3766233	6.00E-09	2YrCancerDerived_Inh
64	ALL	363199.3	3766033	5.99E-09	2YrCancerDerived_Inh
362	ALL	363474.3	3766208	5.99E-09	2YrCancerDerived_Inh
1391	ALL	362899.3	3766858	5.98E-09	2YrCancerDerived_Inh
236	ALL	363399.3	3766133	5.96E-09	2YrCancerDerived_Inh
171	ALL	362799.3	3766108	5.94E-09	2YrCancerDerived_Inh
93	ALL	362899.3	3766058	5.93E-09	2YrCancerDerived_Inh
695	ALL	363599.3	3766408	5.88E-09	2YrCancerDerived_Inh
55	ALL	362974.3	3766033	5.88E-09	2YrCancerDerived_Inh
404	ALL	363499.3	3766233	5.87E-09	2YrCancerDerived_Inh
194	ALL	363374.3	3766108	5.84E-09	2YrCancerDerived_Inh
1348	ALL	362849.3	3766833	5.84E-09	2YrCancerDerived_Inh
65	ALL	363224.3	3766033	5.84E-09	2YrCancerDerived_Inh
1179	ALL	362724.3	3766733	5.83E-09	2YrCancerDerived_Inh
1605	ALL	363124.3	3766983	5.82E-09	2YrCancerDerived_Inh
612	ALL	363574.3	3766358	5.82E-09	2YrCancerDerived_Inh
411	ALL	362649.3	3766258	5.81E-09	2YrCancerDerived_Inh
1221	ALL	362749.3	3766758	5.81E-09	2YrCancerDerived_Inh
529	ALL	363549.3	3766308	5.80E-09	2YrCancerDerived_Inh
250	ALL	362724.3	3766158	5.79E-09	2YrCancerDerived_Inh
1137	ALL	362699.3	3766708	5.78E-09	2YrCancerDerived_Inh
290	ALL	362699.3	3766183	5.77E-09	2YrCancerDerived_Inh
1263	ALL	362774.3	3766783	5.74E-09	2YrCancerDerived_Inh
109	ALL	363299.3	3766058	5.74E-09	2YrCancerDerived_Inh
210	ALL	362749.3	3766133	5.74E-09	2YrCancerDerived_Inh
131	ALL	362824.3	3766083	5.74E-09	2YrCancerDerived_Inh
54	ALL	362949.3	3766033	5.73E-09	2YrCancerDerived_Inh
92	ALL	362874.3	3766058	5.71E-09	2YrCancerDerived_Inh
1562	ALL	363074.3	3766958	5.71E-09	2YrCancerDerived_Inh
446	ALL	363524.3	3766258	5.70E-09	2YrCancerDerived_Inh
330	ALL	362674.3	3766208	5.69E-09	2YrCancerDerived_Inh
736	ALL	363624.3	3766433	5.68E-09	2YrCancerDerived_Inh
152	ALL	363349.3	3766083	5.67E-09	2YrCancerDerived_Inh
1095	ALL	362674.3	3766683	5.66E-09	2YrCancerDerived_Inh

1476	ALL	362974.3	3766908	5.66E-09	2YrCancerDerived_Inh
66	ALL	363249.3	3766033	5.65E-09	2YrCancerDerived_Inh
1433	ALL	362924.3	3766883	5.64E-09	2YrCancerDerived_Inh
1519	ALL	363024.3	3766933	5.64E-09	2YrCancerDerived_Inh
19	ALL	363099.3	3766008	5.63E-09	2YrCancerDerived_Inh
170	ALL	362774.3	3766108	5.63E-09	2YrCancerDerived_Inh
18	ALL	363074.3	3766008	5.62E-09	2YrCancerDerived_Inh
20	ALL	363124.3	3766008	5.61E-09	2YrCancerDerived_Inh
1305	ALL	362799.3	3766808	5.60E-09	2YrCancerDerived_Inh
1647	ALL	363149.3	3767008	5.59E-09	2YrCancerDerived_Inh
1390	ALL	362874.3	3766858	5.59E-09	2YrCancerDerived_Inh
17	ALL	363049.3	3766008	5.58E-09	2YrCancerDerived_Inh
21	ALL	363149.3	3766008	5.57E-09	2YrCancerDerived_Inh
53	ALL	362924.3	3766033	5.57E-09	2YrCancerDerived_Inh
279	ALL	363449.3	3766158	5.56E-09	2YrCancerDerived_Inh
776	ALL	363649.3	3766458	5.56E-09	2YrCancerDerived_Inh
370	ALL	362649.3	3766233	5.56E-09	2YrCancerDerived_Inh
1053	ALL	362649.3	3766658	5.55E-09	2YrCancerDerived_Inh
321	ALL	363474.3	3766183	5.54E-09	2YrCancerDerived_Inh
654	ALL	363599.3	3766383	5.53E-09	2YrCancerDerived_Inh
237	ALL	363424.3	3766133	5.53E-09	2YrCancerDerived_Inh
16	ALL	363024.3	3766008	5.52E-09	2YrCancerDerived_Inh
571	ALL	363574.3	3766333	5.52E-09	2YrCancerDerived_Inh
22	ALL	363174.3	3766008	5.50E-09	2YrCancerDerived_Inh
91	ALL	362849.3	3766058	5.49E-09	2YrCancerDerived_Inh
488	ALL	363549.3	3766283	5.48E-09	2YrCancerDerived_Inh
130	ALL	362799.3	3766083	5.47E-09	2YrCancerDerived_Inh
363	ALL	363499.3	3766208	5.46E-09	2YrCancerDerived_Inh
195	ALL	363399.3	3766108	5.45E-09	2YrCancerDerived_Inh
110	ALL	363324.3	3766058	5.45E-09	2YrCancerDerived_Inh
67	ALL	363274.3	3766033	5.43E-09	2YrCancerDerived_Inh
15	ALL	362999.3	3766008	5.43E-09	2YrCancerDerived_Inh
249	ALL	362699.3	3766158	5.43E-09	2YrCancerDerived_Inh
1347	ALL	362824.3	3766833	5.42E-09	2YrCancerDerived_Inh
1604	ALL	363099.3	3766983	5.41E-09	2YrCancerDerived_Inh
209	ALL	362724.3	3766133	5.41E-09	2YrCancerDerived_Inh
52	ALL	362899.3	3766033	5.40E-09	2YrCancerDerived_Inh
23	ALL	363199.3	3766008	5.40E-09	2YrCancerDerived_Inh
289	ALL	362674.3	3766183	5.39E-09	2YrCancerDerived_Inh
1220	ALL	362724.3	3766758	5.35E-09	2YrCancerDerived_Inh
1178	ALL	362699.3	3766733	5.34E-09	2YrCancerDerived_Inh
1561	ALL	363049.3	3766958	5.34E-09	2YrCancerDerived_Inh
405	ALL	363524.3	3766233	5.34E-09	2YrCancerDerived_Inh
169	ALL	362749.3	3766108	5.33E-09	2YrCancerDerived_Inh
14	ALL	362974.3	3766008	5.33E-09	2YrCancerDerived_Inh
153	ALL	363374.3	3766083	5.33E-09	2YrCancerDerived_Inh
1475	ALL	362949.3	3766908	5.33E-09	2YrCancerDerived_Inh
1518	ALL	362999.3	3766933	5.31E-09	2YrCancerDerived_Inh
1432	ALL	362899.3	3766883	5.30E-09	2YrCancerDerived_Inh
329	ALL	362649.3	3766208	5.30E-09	2YrCancerDerived_Inh
696	ALL	363624.3	3766408	5.30E-09	2YrCancerDerived_Inh
1262	ALL	362749.3	3766783	5.29E-09	2YrCancerDerived_Inh
1136	ALL	362674.3	3766708	5.27E-09	2YrCancerDerived_Inh
90	ALL	362824.3	3766058	5.27E-09	2YrCancerDerived_Inh
24	ALL	363224.3	3766008	5.26E-09	2YrCancerDerived_Inh
613	ALL	363599.3	3766358	5.24E-09	2YrCancerDerived_Inh
530	ALL	363574.3	3766308	5.24E-09	2YrCancerDerived_Inh
51	ALL	362874.3	3766033	5.22E-09	2YrCancerDerived_Inh
1389	ALL	362849.3	3766858	5.22E-09	2YrCancerDerived_Inh
129	ALL	362774.3	3766083	5.21E-09	2YrCancerDerived_Inh
13	ALL	362949.3	3766008	5.21E-09	2YrCancerDerived_Inh
68	ALL	363299.3	3766033	5.20E-09	2YrCancerDerived_Inh
1304	ALL	362774.3	3766808	5.18E-09	2YrCancerDerived_Inh
1646	ALL	363124.3	3767008	5.18E-09	2YrCancerDerived_Inh
447	ALL	363549.3	3766258	5.17E-09	2YrCancerDerived_Inh
111	ALL	363349.3	3766058	5.16E-09	2YrCancerDerived_Inh
1094	ALL	362649.3	3766683	5.16E-09	2YrCancerDerived_Inh
280	ALL	363474.3	3766158	5.13E-09	2YrCancerDerived_Inh
238	ALL	363449.3	3766133	5.13E-09	2YrCancerDerived_Inh
737	ALL	363649.3	3766433	5.13E-09	2YrCancerDerived_Inh
25	ALL	363249.3	3766008	5.11E-09	2YrCancerDerived_Inh
208	ALL	362699.3	3766133	5.09E-09	2YrCancerDerived_Inh
248	ALL	362674.3	3766158	5.09E-09	2YrCancerDerived_Inh
322	ALL	363499.3	3766183	5.09E-09	2YrCancerDerived_Inh
196	ALL	363424.3	3766108	5.08E-09	2YrCancerDerived_Inh
12	ALL	362924.3	3766008	5.07E-09	2YrCancerDerived_Inh
1603	ALL	363074.3	3766983	5.07E-09	2YrCancerDerived_Inh
168	ALL	362724.3	3766108	5.05E-09	2YrCancerDerived_Inh
89	ALL	362799.3	3766058	5.05E-09	2YrCancerDerived_Inh
50	ALL	362849.3	3766033	5.04E-09	2YrCancerDerived_Inh
288	ALL	362649.3	3766183	5.04E-09	2YrCancerDerived_Inh
1346	ALL	362799.3	3766833	5.03E-09	2YrCancerDerived_Inh

1517	ALL	362974.3	3766933	5.03E-09	2YrCancerDerived_Inh
1474	ALL	362924.3	3766908	5.01E-09	2YrCancerDerived_Inh
1560	ALL	363024.3	3766958	5.01E-09	2YrCancerDerived_Inh
364	ALL	363524.3	3766208	5.00E-09	2YrCancerDerived_Inh
154	ALL	363399.3	3766083	5.00E-09	2YrCancerDerived_Inh
655	ALL	363624.3	3766383	4.99E-09	2YrCancerDerived_Inh
572	ALL	363599.3	3766333	4.98E-09	2YrCancerDerived_Inh
1431	ALL	362874.3	3766883	4.98E-09	2YrCancerDerived_Inh
489	ALL	363574.3	3766283	4.97E-09	2YrCancerDerived_Inh
69	ALL	363324.3	3766033	4.96E-09	2YrCancerDerived_Inh
128	ALL	362749.3	3766083	4.96E-09	2YrCancerDerived_Inh
11	ALL	362899.3	3766008	4.93E-09	2YrCancerDerived_Inh
1219	ALL	362699.3	3766758	4.93E-09	2YrCancerDerived_Inh
26	ALL	363274.3	3766008	4.93E-09	2YrCancerDerived_Inh
1177	ALL	362674.3	3766733	4.91E-09	2YrCancerDerived_Inh
1261	ALL	362724.3	3766783	4.90E-09	2YrCancerDerived_Inh
112	ALL	363374.3	3766058	4.87E-09	2YrCancerDerived_Inh
406	ALL	363549.3	3766233	4.87E-09	2YrCancerDerived_Inh
1388	ALL	362824.3	3766858	4.87E-09	2YrCancerDerived_Inh
49	ALL	362824.3	3766033	4.85E-09	2YrCancerDerived_Inh
1645	ALL	363099.3	3767008	4.83E-09	2YrCancerDerived_Inh
1135	ALL	362649.3	3766708	4.83E-09	2YrCancerDerived_Inh
88	ALL	362774.3	3766058	4.83E-09	2YrCancerDerived_Inh
1303	ALL	362749.3	3766808	4.81E-09	2YrCancerDerived_Inh
207	ALL	362674.3	3766133	4.80E-09	2YrCancerDerived_Inh
697	ALL	363649.3	3766408	4.79E-09	2YrCancerDerived_Inh
10	ALL	362874.3	3766008	4.79E-09	2YrCancerDerived_Inh
247	ALL	362649.3	3766158	4.78E-09	2YrCancerDerived_Inh
167	ALL	362699.3	3766108	4.78E-09	2YrCancerDerived_Inh
1602	ALL	363049.3	3766983	4.78E-09	2YrCancerDerived_Inh
239	ALL	363474.3	3766133	4.76E-09	2YrCancerDerived_Inh
1516	ALL	362949.3	3766933	4.75E-09	2YrCancerDerived_Inh
531	ALL	363599.3	3766308	4.75E-09	2YrCancerDerived_Inh
614	ALL	363624.3	3766358	4.74E-09	2YrCancerDerived_Inh
27	ALL	363299.3	3766008	4.74E-09	2YrCancerDerived_Inh
281	ALL	363499.3	3766158	4.74E-09	2YrCancerDerived_Inh
1559	ALL	362999.3	3766958	4.74E-09	2YrCancerDerived_Inh
197	ALL	363449.3	3766108	4.74E-09	2YrCancerDerived_Inh
1473	ALL	362899.3	3766908	4.73E-09	2YrCancerDerived_Inh
70	ALL	363349.3	3766033	4.72E-09	2YrCancerDerived_Inh
127	ALL	362724.3	3766083	4.71E-09	2YrCancerDerived_Inh
448	ALL	363574.3	3766258	4.71E-09	2YrCancerDerived_Inh
1430	ALL	362849.3	3766883	4.69E-09	2YrCancerDerived_Inh
155	ALL	363424.3	3766083	4.68E-09	2YrCancerDerived_Inh
323	ALL	363524.3	3766183	4.68E-09	2YrCancerDerived_Inh
1345	ALL	362774.3	3766833	4.68E-09	2YrCancerDerived_Inh
48	ALL	362799.3	3766033	4.66E-09	2YrCancerDerived_Inh
9	ALL	362849.3	3766008	4.63E-09	2YrCancerDerived_Inh
87	ALL	362749.3	3766058	4.61E-09	2YrCancerDerived_Inh
113	ALL	363399.3	3766058	4.60E-09	2YrCancerDerived_Inh
365	ALL	363549.3	3766208	4.58E-09	2YrCancerDerived_Inh
1218	ALL	362674.3	3766758	4.55E-09	2YrCancerDerived_Inh
1644	ALL	363074.3	3767008	4.55E-09	2YrCancerDerived_Inh
1387	ALL	362799.3	3766858	4.54E-09	2YrCancerDerived_Inh
28	ALL	363324.3	3766008	4.54E-09	2YrCancerDerived_Inh
1260	ALL	362699.3	3766783	4.53E-09	2YrCancerDerived_Inh
656	ALL	363649.3	3766383	4.53E-09	2YrCancerDerived_Inh
206	ALL	362649.3	3766133	4.52E-09	2YrCancerDerived_Inh
573	ALL	363624.3	3766333	4.52E-09	2YrCancerDerived_Inh
1176	ALL	362649.3	3766733	4.52E-09	2YrCancerDerived_Inh
490	ALL	363599.3	3766283	4.52E-09	2YrCancerDerived_Inh
166	ALL	362674.3	3766108	4.52E-09	2YrCancerDerived_Inh
1601	ALL	363024.3	3766983	4.50E-09	2YrCancerDerived_Inh
1558	ALL	362974.3	3766958	4.49E-09	2YrCancerDerived_Inh
1515	ALL	362924.3	3766933	4.49E-09	2YrCancerDerived_Inh
8	ALL	362824.3	3766008	4.48E-09	2YrCancerDerived_Inh
126	ALL	362699.3	3766083	4.48E-09	2YrCancerDerived_Inh
47	ALL	362774.3	3766033	4.48E-09	2YrCancerDerived_Inh
71	ALL	363374.3	3766033	4.47E-09	2YrCancerDerived_Inh
1302	ALL	362724.3	3766808	4.47E-09	2YrCancerDerived_Inh
1472	ALL	362874.3	3766908	4.47E-09	2YrCancerDerived_Inh
407	ALL	363574.3	3766233	4.46E-09	2YrCancerDerived_Inh
198	ALL	363474.3	3766108	4.41E-09	2YrCancerDerived_Inh
240	ALL	363499.3	3766133	4.41E-09	2YrCancerDerived_Inh
86	ALL	362724.3	3766058	4.40E-09	2YrCancerDerived_Inh
1429	ALL	362824.3	3766883	4.39E-09	2YrCancerDerived_Inh
156	ALL	363449.3	3766083	4.38E-09	2YrCancerDerived_Inh
282	ALL	363524.3	3766158	4.38E-09	2YrCancerDerived_Inh
1344	ALL	362749.3	3766833	4.37E-09	2YrCancerDerived_Inh
29	ALL	363349.3	3766008	4.33E-09	2YrCancerDerived_Inh
114	ALL	363424.3	3766058	4.32E-09	2YrCancerDerived_Inh
532	ALL	363624.3	3766308	4.32E-09	2YrCancerDerived_Inh

7	ALL	362799.3	3766008	4.32E-09	2YrCancerDerived_Inh
324	ALL	363549.3	3766183	4.31E-09	2YrCancerDerived_Inh
615	ALL	363649.3	3766358	4.31E-09	2YrCancerDerived_Inh
449	ALL	363599.3	3766258	4.30E-09	2YrCancerDerived_Inh
1643	ALL	363049.3	3767008	4.29E-09	2YrCancerDerived_Inh
46	ALL	362749.3	3766033	4.29E-09	2YrCancerDerived_Inh
165	ALL	362649.3	3766108	4.28E-09	2YrCancerDerived_Inh
1557	ALL	362949.3	3766958	4.26E-09	2YrCancerDerived_Inh
1600	ALL	362999.3	3766983	4.26E-09	2YrCancerDerived_Inh
125	ALL	362674.3	3766083	4.25E-09	2YrCancerDerived_Inh
1514	ALL	362899.3	3766933	4.25E-09	2YrCancerDerived_Inh
1386	ALL	362774.3	3766858	4.24E-09	2YrCancerDerived_Inh
72	ALL	363399.3	3766033	4.23E-09	2YrCancerDerived_Inh
1471	ALL	362849.3	3766908	4.23E-09	2YrCancerDerived_Inh
1217	ALL	362649.3	3766758	4.21E-09	2YrCancerDerived_Inh
366	ALL	363574.3	3766208	4.21E-09	2YrCancerDerived_Inh
1259	ALL	362674.3	3766783	4.21E-09	2YrCancerDerived_Inh
85	ALL	362699.3	3766058	4.20E-09	2YrCancerDerived_Inh
1301	ALL	362699.3	3766808	4.16E-09	2YrCancerDerived_Inh
6	ALL	362774.3	3766008	4.16E-09	2YrCancerDerived_Inh
491	ALL	363624.3	3766283	4.13E-09	2YrCancerDerived_Inh
574	ALL	363649.3	3766333	4.12E-09	2YrCancerDerived_Inh
1428	ALL	362799.3	3766883	4.12E-09	2YrCancerDerived_Inh
30	ALL	363374.3	3766008	4.12E-09	2YrCancerDerived_Inh
199	ALL	363499.3	3766108	4.12E-09	2YrCancerDerived_Inh
45	ALL	362724.3	3766033	4.11E-09	2YrCancerDerived_Inh
157	ALL	363474.3	3766083	4.10E-09	2YrCancerDerived_Inh
241	ALL	363524.3	3766133	4.10E-09	2YrCancerDerived_Inh
408	ALL	363599.3	3766233	4.09E-09	2YrCancerDerived_Inh
1343	ALL	362724.3	3766833	4.09E-09	2YrCancerDerived_Inh
115	ALL	363449.3	3766058	4.06E-09	2YrCancerDerived_Inh
1642	ALL	363024.3	3767008	4.06E-09	2YrCancerDerived_Inh
283	ALL	363549.3	3766158	4.05E-09	2YrCancerDerived_Inh
124	ALL	362649.3	3766083	4.04E-09	2YrCancerDerived_Inh
1599	ALL	362974.3	3766983	4.04E-09	2YrCancerDerived_Inh
1556	ALL	362924.3	3766958	4.04E-09	2YrCancerDerived_Inh
1513	ALL	362874.3	3766933	4.03E-09	2YrCancerDerived_Inh
84	ALL	362674.3	3766058	4.00E-09	2YrCancerDerived_Inh
5	ALL	362749.3	3766008	4.00E-09	2YrCancerDerived_Inh
73	ALL	363424.3	3766033	4.00E-09	2YrCancerDerived_Inh
1470	ALL	362824.3	3766908	4.00E-09	2YrCancerDerived_Inh
325	ALL	363574.3	3766183	3.98E-09	2YrCancerDerived_Inh
1385	ALL	362749.3	3766858	3.98E-09	2YrCancerDerived_Inh
533	ALL	363649.3	3766308	3.95E-09	2YrCancerDerived_Inh
450	ALL	363624.3	3766258	3.94E-09	2YrCancerDerived_Inh
44	ALL	362699.3	3766033	3.94E-09	2YrCancerDerived_Inh
31	ALL	363399.3	3766008	3.91E-09	2YrCancerDerived_Inh
1258	ALL	362649.3	3766783	3.91E-09	2YrCancerDerived_Inh
367	ALL	363599.3	3766208	3.88E-09	2YrCancerDerived_Inh
1300	ALL	362674.3	3766808	3.88E-09	2YrCancerDerived_Inh
1427	ALL	362774.3	3766883	3.87E-09	2YrCancerDerived_Inh
1641	ALL	362999.3	3767008	3.85E-09	2YrCancerDerived_Inh
4	ALL	362724.3	3766008	3.85E-09	2YrCancerDerived_Inh
158	ALL	363499.3	3766083	3.84E-09	2YrCancerDerived_Inh
200	ALL	363524.3	3766108	3.84E-09	2YrCancerDerived_Inh
1555	ALL	362899.3	3766958	3.84E-09	2YrCancerDerived_Inh
1598	ALL	362949.3	3766983	3.84E-09	2YrCancerDerived_Inh
1512	ALL	362849.3	3766933	3.83E-09	2YrCancerDerived_Inh
1342	ALL	362699.3	3766833	3.82E-09	2YrCancerDerived_Inh
116	ALL	363474.3	3766058	3.82E-09	2YrCancerDerived_Inh
83	ALL	362649.3	3766058	3.81E-09	2YrCancerDerived_Inh
242	ALL	363549.3	3766133	3.81E-09	2YrCancerDerived_Inh
492	ALL	363649.3	3766283	3.78E-09	2YrCancerDerived_Inh
74	ALL	363449.3	3766033	3.77E-09	2YrCancerDerived_Inh
1469	ALL	362799.3	3766908	3.77E-09	2YrCancerDerived_Inh
43	ALL	362674.3	3766033	3.76E-09	2YrCancerDerived_Inh
409	ALL	363624.3	3766233	3.76E-09	2YrCancerDerived_Inh
284	ALL	363574.3	3766158	3.76E-09	2YrCancerDerived_Inh
1384	ALL	362724.3	3766858	3.75E-09	2YrCancerDerived_Inh
32	ALL	363424.3	3766008	3.71E-09	2YrCancerDerived_Inh
3	ALL	362699.3	3766008	3.69E-09	2YrCancerDerived_Inh
326	ALL	363599.3	3766183	3.68E-09	2YrCancerDerived_Inh
1640	ALL	362974.3	3767008	3.66E-09	2YrCancerDerived_Inh
1554	ALL	362874.3	3766958	3.65E-09	2YrCancerDerived_Inh
1426	ALL	362749.3	3766883	3.65E-09	2YrCancerDerived_Inh
1597	ALL	362924.3	3766983	3.65E-09	2YrCancerDerived_Inh
1511	ALL	362824.3	3766933	3.63E-09	2YrCancerDerived_Inh
451	ALL	363649.3	3766258	3.63E-09	2YrCancerDerived_Inh
1299	ALL	362649.3	3766808	3.62E-09	2YrCancerDerived_Inh
42	ALL	362649.3	3766033	3.60E-09	2YrCancerDerived_Inh
159	ALL	363524.3	3766083	3.60E-09	2YrCancerDerived_Inh
117	ALL	363499.3	3766058	3.59E-09	2YrCancerDerived_Inh

368	ALL	363624.3	3766208	3.59E-09	2YrCancerDerived_Inh
201	ALL	363549.3	3766108	3.58E-09	2YrCancerDerived_Inh
1341	ALL	362674.3	3766833	3.58E-09	2YrCancerDerived_Inh
75	ALL	363474.3	3766033	3.56E-09	2YrCancerDerived_Inh
1468	ALL	362774.3	3766908	3.56E-09	2YrCancerDerived_Inh
243	ALL	363574.3	3766133	3.55E-09	2YrCancerDerived_Inh
2	ALL	362674.3	3766008	3.54E-09	2YrCancerDerived_Inh
1383	ALL	362699.3	3766858	3.53E-09	2YrCancerDerived_Inh
33	ALL	363449.3	3766008	3.51E-09	2YrCancerDerived_Inh
285	ALL	363599.3	3766158	3.49E-09	2YrCancerDerived_Inh
1596	ALL	362899.3	3766983	3.48E-09	2YrCancerDerived_Inh
1553	ALL	362849.3	3766958	3.48E-09	2YrCancerDerived_Inh
1639	ALL	362949.3	3767008	3.48E-09	2YrCancerDerived_Inh
410	ALL	363649.3	3766233	3.47E-09	2YrCancerDerived_Inh
1425	ALL	362724.3	3766883	3.46E-09	2YrCancerDerived_Inh
1510	ALL	362799.3	3766933	3.45E-09	2YrCancerDerived_Inh
327	ALL	363624.3	3766183	3.41E-09	2YrCancerDerived_Inh
1	ALL	362649.3	3766008	3.40E-09	2YrCancerDerived_Inh
118	ALL	363524.3	3766058	3.37E-09	2YrCancerDerived_Inh
160	ALL	363549.3	3766083	3.37E-09	2YrCancerDerived_Inh
1467	ALL	362749.3	3766908	3.37E-09	2YrCancerDerived_Inh
76	ALL	363499.3	3766033	3.36E-09	2YrCancerDerived_Inh
1340	ALL	362649.3	3766833	3.35E-09	2YrCancerDerived_Inh
202	ALL	363574.3	3766108	3.35E-09	2YrCancerDerived_Inh
34	ALL	363474.3	3766008	3.32E-09	2YrCancerDerived_Inh
1595	ALL	362874.3	3766983	3.32E-09	2YrCancerDerived_Inh
369	ALL	363649.3	3766208	3.32E-09	2YrCancerDerived_Inh
1552	ALL	362824.3	3766958	3.31E-09	2YrCancerDerived_Inh
1638	ALL	362924.3	3767008	3.31E-09	2YrCancerDerived_Inh
1382	ALL	362674.3	3766858	3.31E-09	2YrCancerDerived_Inh
244	ALL	363599.3	3766133	3.31E-09	2YrCancerDerived_Inh
1509	ALL	362774.3	3766933	3.27E-09	2YrCancerDerived_Inh
1424	ALL	362699.3	3766883	3.26E-09	2YrCancerDerived_Inh
286	ALL	363624.3	3766158	3.25E-09	2YrCancerDerived_Inh
1466	ALL	362724.3	3766908	3.19E-09	2YrCancerDerived_Inh
119	ALL	363549.3	3766058	3.17E-09	2YrCancerDerived_Inh
328	ALL	363649.3	3766183	3.17E-09	2YrCancerDerived_Inh
1594	ALL	362849.3	3766983	3.17E-09	2YrCancerDerived_Inh
77	ALL	363524.3	3766033	3.17E-09	2YrCancerDerived_Inh
1637	ALL	362899.3	3767008	3.17E-09	2YrCancerDerived_Inh
161	ALL	363574.3	3766083	3.16E-09	2YrCancerDerived_Inh
1551	ALL	362799.3	3766958	3.16E-09	2YrCancerDerived_Inh
35	ALL	363499.3	3766008	3.15E-09	2YrCancerDerived_Inh
203	ALL	363599.3	3766108	3.13E-09	2YrCancerDerived_Inh
1508	ALL	362749.3	3766933	3.11E-09	2YrCancerDerived_Inh
1381	ALL	362649.3	3766858	3.10E-09	2YrCancerDerived_Inh
245	ALL	363624.3	3766133	3.09E-09	2YrCancerDerived_Inh
1423	ALL	362674.3	3766883	3.08E-09	2YrCancerDerived_Inh
1593	ALL	362824.3	3766983	3.03E-09	2YrCancerDerived_Inh
287	ALL	363649.3	3766158	3.03E-09	2YrCancerDerived_Inh
1465	ALL	362699.3	3766908	3.02E-09	2YrCancerDerived_Inh
1636	ALL	362874.3	3767008	3.02E-09	2YrCancerDerived_Inh
1550	ALL	362774.3	3766958	3.01E-09	2YrCancerDerived_Inh
78	ALL	363549.3	3766033	2.99E-09	2YrCancerDerived_Inh
120	ALL	363574.3	3766058	2.99E-09	2YrCancerDerived_Inh
36	ALL	363524.3	3766008	2.98E-09	2YrCancerDerived_Inh
162	ALL	363599.3	3766083	2.97E-09	2YrCancerDerived_Inh
1507	ALL	362724.3	3766933	2.95E-09	2YrCancerDerived_Inh
204	ALL	363624.3	3766108	2.94E-09	2YrCancerDerived_Inh
1592	ALL	362799.3	3766983	2.90E-09	2YrCancerDerived_Inh
1635	ALL	362849.3	3767008	2.89E-09	2YrCancerDerived_Inh
1422	ALL	362649.3	3766883	2.89E-09	2YrCancerDerived_Inh
246	ALL	363649.3	3766133	2.89E-09	2YrCancerDerived_Inh
1549	ALL	362749.3	3766958	2.87E-09	2YrCancerDerived_Inh
1464	ALL	362674.3	3766908	2.86E-09	2YrCancerDerived_Inh
79	ALL	363574.3	3766033	2.82E-09	2YrCancerDerived_Inh
37	ALL	363549.3	3766008	2.82E-09	2YrCancerDerived_Inh
121	ALL	363599.3	3766058	2.81E-09	2YrCancerDerived_Inh
1506	ALL	362699.3	3766933	2.80E-09	2YrCancerDerived_Inh
163	ALL	363624.3	3766083	2.79E-09	2YrCancerDerived_Inh
1634	ALL	362824.3	3767008	2.77E-09	2YrCancerDerived_Inh
1591	ALL	362774.3	3766983	2.77E-09	2YrCancerDerived_Inh
205	ALL	363649.3	3766108	2.75E-09	2YrCancerDerived_Inh
1548	ALL	362724.3	3766958	2.74E-09	2YrCancerDerived_Inh
1463	ALL	362649.3	3766908	2.70E-09	2YrCancerDerived_Inh
38	ALL	363574.3	3766008	2.67E-09	2YrCancerDerived_Inh
80	ALL	363599.3	3766033	2.67E-09	2YrCancerDerived_Inh
1505	ALL	362674.3	3766933	2.66E-09	2YrCancerDerived_Inh
1633	ALL	362799.3	3767008	2.66E-09	2YrCancerDerived_Inh
122	ALL	363624.3	3766058	2.65E-09	2YrCancerDerived_Inh
1590	ALL	362749.3	3766983	2.65E-09	2YrCancerDerived_Inh
164	ALL	363649.3	3766083	2.63E-09	2YrCancerDerived_Inh

1547	ALL	362699.3	3766958	2.60E-09	2YrCancerDerived_Inh
1632	ALL	362774.3	3767008	2.55E-09	2YrCancerDerived_Inh
1589	ALL	362724.3	3766983	2.53E-09	2YrCancerDerived_Inh
39	ALL	363599.3	3766008	2.53E-09	2YrCancerDerived_Inh
1504	ALL	362649.3	3766933	2.53E-09	2YrCancerDerived_Inh
81	ALL	363624.3	3766033	2.52E-09	2YrCancerDerived_Inh
123	ALL	363649.3	3766058	2.50E-09	2YrCancerDerived_Inh
1546	ALL	362674.3	3766958	2.48E-09	2YrCancerDerived_Inh
1631	ALL	362749.3	3767008	2.44E-09	2YrCancerDerived_Inh
1588	ALL	362699.3	3766983	2.42E-09	2YrCancerDerived_Inh
40	ALL	363624.3	3766008	2.40E-09	2YrCancerDerived_Inh
82	ALL	363649.3	3766033	2.39E-09	2YrCancerDerived_Inh
1545	ALL	362649.3	3766958	2.36E-09	2YrCancerDerived_Inh
1630	ALL	362724.3	3767008	2.35E-09	2YrCancerDerived_Inh
1587	ALL	362674.3	3766983	2.31E-09	2YrCancerDerived_Inh
41	ALL	363649.3	3766008	2.28E-09	2YrCancerDerived_Inh
1629	ALL	362699.3	3767008	2.25E-09	2YrCancerDerived_Inh
1586	ALL	362649.3	3766983	2.21E-09	2YrCancerDerived_Inh
1628	ALL	362674.3	3767008	2.16E-09	2YrCancerDerived_Inh
1627	ALL	362649.3	3767008	2.07E-09	2YrCancerDerived_Inh

*HARP - HRACalc v19044 10/5/2020 12:17:47 PM - Chronic Risk - Input File: C:\Users\imcintire\Desktop\SM Wellness Center\SM_WELLNESS_SCH_MIT\hra\SM_Wellness_School_MitHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	MAXHI
870	ALL		363099.3	3766533	NonCancerChronicDerived_Inh	2.13E-03
872	ALL		363224.3	3766533	NonCancerChronicDerived_Inh	2.05E-03
912	ALL		363224.3	3766558	NonCancerChronicDerived_Inh	1.95E-03
795	ALL		363099.3	3766483	NonCancerChronicDerived_Inh	1.91E-03
952	ALL		363199.3	3766583	NonCancerChronicDerived_Inh	1.88E-03
757	ALL		363124.3	3766458	NonCancerChronicDerived_Inh	1.76E-03
834	ALL		363224.3	3766508	NonCancerChronicDerived_Inh	1.52E-03
953	ALL		363224.3	3766583	NonCancerChronicDerived_Inh	1.51E-03
950	ALL		363149.3	3766583	NonCancerChronicDerived_Inh	1.48E-03
677	ALL		363162.3	3766444	NonCancerChronicDerived_Inh	1.21E-03
913	ALL		363249.3	3766558	NonCancerChronicDerived_Inh	1.21E-03
908	ALL		363099.3	3766558	NonCancerChronicDerived_Inh	1.18E-03
993	ALL		363199.3	3766608	NonCancerChronicDerived_Inh	1.11E-03
756	ALL		363099.3	3766458	NonCancerChronicDerived_Inh	1.11E-03
873	ALL		363249.3	3766533	NonCancerChronicDerived_Inh	1.11E-03
954	ALL		363249.3	3766583	NonCancerChronicDerived_Inh	1.10E-03
831	ALL		363074.3	3766508	NonCancerChronicDerived_Inh	1.09E-03
994	ALL		363224.3	3766608	NonCancerChronicDerived_Inh	1.05E-03
992	ALL		363174.3	3766608	NonCancerChronicDerived_Inh	9.87E-04
949	ALL		363124.3	3766583	NonCancerChronicDerived_Inh	9.68E-04
869	ALL		363074.3	3766533	NonCancerChronicDerived_Inh	9.61E-04
794	ALL		363074.3	3766483	NonCancerChronicDerived_Inh	9.41E-04
718	ALL		363149.3	3766433	NonCancerChronicDerived_Inh	9.07E-04
995	ALL		363249.3	3766608	NonCancerChronicDerived_Inh	8.89E-04
717	ALL		363124.3	3766433	NonCancerChronicDerived_Inh	8.31E-04
835	ALL		363249.3	3766508	NonCancerChronicDerived_Inh	7.94E-04
955	ALL		363274.3	3766583	NonCancerChronicDerived_Inh	7.83E-04
914	ALL		363274.3	3766558	NonCancerChronicDerived_Inh	7.79E-04
991	ALL		363149.3	3766608	NonCancerChronicDerived_Inh	7.36E-04
1035	ALL		363224.3	3766633	NonCancerChronicDerived_Inh	7.10E-04
996	ALL		363274.3	3766608	NonCancerChronicDerived_Inh	7.03E-04
755	ALL		363074.3	3766458	NonCancerChronicDerived_Inh	6.86E-04
907	ALL		363074.3	3766558	NonCancerChronicDerived_Inh	6.77E-04
1034	ALL		363199.3	3766633	NonCancerChronicDerived_Inh	6.74E-04
1036	ALL		363249.3	3766633	NonCancerChronicDerived_Inh	6.68E-04
874	ALL		363274.3	3766533	NonCancerChronicDerived_Inh	6.61E-04
948	ALL		363099.3	3766583	NonCancerChronicDerived_Inh	6.53E-04
716	ALL		363099.3	3766433	NonCancerChronicDerived_Inh	6.47E-04
1037	ALL		363274.3	3766633	NonCancerChronicDerived_Inh	5.83E-04
830	ALL		363049.3	3766508	NonCancerChronicDerived_Inh	5.73E-04
1033	ALL		363174.3	3766633	NonCancerChronicDerived_Inh	5.63E-04
719	ALL		363199.3	3766433	NonCancerChronicDerived_Inh	5.62E-04
759	ALL		363224.3	3766458	NonCancerChronicDerived_Inh	5.59E-04
956	ALL		363299.3	3766583	NonCancerChronicDerived_Inh	5.58E-04
997	ALL		363299.3	3766608	NonCancerChronicDerived_Inh	5.40E-04
793	ALL		363049.3	3766483	NonCancerChronicDerived_Inh	5.33E-04
990	ALL		363124.3	3766608	NonCancerChronicDerived_Inh	5.29E-04
868	ALL		363049.3	3766533	NonCancerChronicDerived_Inh	5.25E-04
915	ALL		363299.3	3766558	NonCancerChronicDerived_Inh	5.19E-04
797	ALL		363249.3	3766483	NonCancerChronicDerived_Inh	5.01E-04
1077	ALL		363249.3	3766658	NonCancerChronicDerived_Inh	4.87E-04
1038	ALL		363299.3	3766633	NonCancerChronicDerived_Inh	4.84E-04
1076	ALL		363224.3	3766658	NonCancerChronicDerived_Inh	4.78E-04
836	ALL		363274.3	3766508	NonCancerChronicDerived_Inh	4.75E-04
715	ALL		363074.3	3766433	NonCancerChronicDerived_Inh	4.71E-04
676	ALL		363124.3	3766408	NonCancerChronicDerived_Inh	4.60E-04
1078	ALL		363274.3	3766658	NonCancerChronicDerived_Inh	4.59E-04
947	ALL		363074.3	3766583	NonCancerChronicDerived_Inh	4.48E-04
754	ALL		363049.3	3766458	NonCancerChronicDerived_Inh	4.40E-04
678	ALL		363174.3	3766408	NonCancerChronicDerived_Inh	4.32E-04
1032	ALL		363149.3	3766633	NonCancerChronicDerived_Inh	4.30E-04
1075	ALL		363199.3	3766658	NonCancerChronicDerived_Inh	4.29E-04
875	ALL		363299.3	3766533	NonCancerChronicDerived_Inh	4.25E-04
906	ALL		363049.3	3766558	NonCancerChronicDerived_Inh	4.19E-04
998	ALL		363324.3	3766608	NonCancerChronicDerived_Inh	4.12E-04
1079	ALL		363299.3	3766658	NonCancerChronicDerived_Inh	4.09E-04
957	ALL		363324.3	3766583	NonCancerChronicDerived_Inh	4.04E-04
675	ALL		363099.3	3766408	NonCancerChronicDerived_Inh	3.99E-04
989	ALL		363099.3	3766608	NonCancerChronicDerived_Inh	3.96E-04
1039	ALL		363324.3	3766633	NonCancerChronicDerived_Inh	3.92E-04
720	ALL		363224.3	3766433	NonCancerChronicDerived_Inh	3.79E-04
916	ALL		363324.3	3766558	NonCancerChronicDerived_Inh	3.60E-04
1074	ALL		363174.3	3766658	NonCancerChronicDerived_Inh	3.53E-04
1118	ALL		363249.3	3766683	NonCancerChronicDerived_Inh	3.52E-04
1119	ALL		363274.3	3766683	NonCancerChronicDerived_Inh	3.52E-04
1080	ALL		363324.3	3766658	NonCancerChronicDerived_Inh	3.52E-04
829	ALL		363024.3	3766508	NonCancerChronicDerived_Inh	3.50E-04
679	ALL		363199.3	3766408	NonCancerChronicDerived_Inh	3.48E-04
760	ALL		363249.3	3766458	NonCancerChronicDerived_Inh	3.46E-04
714	ALL		363049.3	3766433	NonCancerChronicDerived_Inh	3.39E-04
792	ALL		363024.3	3766483	NonCancerChronicDerived_Inh	3.37E-04

1120	ALL	363299.3	3766683	NonCancerChronicDerived_Inh	3.33E-04
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1031	ALL	363124.3	3766633	NonCancerChronicDerived_Inh	3.28E-04
867	ALL	363024.3	3766533	NonCancerChronicDerived_Inh	3.27E-04
674	ALL	363074.3	3766408	NonCancerChronicDerived_Inh	3.24E-04
798	ALL	363274.3	3766483	NonCancerChronicDerived_Inh	3.19E-04
999	ALL	363349.3	3766608	NonCancerChronicDerived_Inh	3.16E-04
1040	ALL	363349.3	3766633	NonCancerChronicDerived_Inh	3.14E-04
946	ALL	363049.3	3766583	NonCancerChronicDerived_Inh	3.13E-04
837	ALL	363299.3	3766508	NonCancerChronicDerived_Inh	3.10E-04
1121	ALL	363324.3	3766683	NonCancerChronicDerived_Inh	3.02E-04
988	ALL	363074.3	3766608	NonCancerChronicDerived_Inh	3.01E-04
958	ALL	363349.3	3766583	NonCancerChronicDerived_Inh	2.98E-04
753	ALL	363024.3	3766458	NonCancerChronicDerived_Inh	2.97E-04
1081	ALL	363349.3	3766658	NonCancerChronicDerived_Inh	2.96E-04
636	ALL	363149.3	3766383	NonCancerChronicDerived_Inh	2.90E-04
876	ALL	363324.3	3766533	NonCancerChronicDerived_Inh	2.90E-04
1116	ALL	363199.3	3766683	NonCancerChronicDerived_Inh	2.88E-04
635	ALL	363124.3	3766383	NonCancerChronicDerived_Inh	2.87E-04
905	ALL	363024.3	3766558	NonCancerChronicDerived_Inh	2.79E-04
1073	ALL	363149.3	3766658	NonCancerChronicDerived_Inh	2.79E-04
637	ALL	363174.3	3766383	NonCancerChronicDerived_Inh	2.69E-04
1160	ALL	363274.3	3766708	NonCancerChronicDerived_Inh	2.68E-04
1122	ALL	363349.3	3766683	NonCancerChronicDerived_Inh	2.66E-04
1161	ALL	363299.3	3766708	NonCancerChronicDerived_Inh	2.66E-04
680	ALL	363224.3	3766408	NonCancerChronicDerived_Inh	2.63E-04
634	ALL	363099.3	3766383	NonCancerChronicDerived_Inh	2.62E-04
1030	ALL	363099.3	3766633	NonCancerChronicDerived_Inh	2.61E-04
917	ALL	363349.3	3766558	NonCancerChronicDerived_Inh	2.59E-04
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1159	ALL	363249.3	3766708	NonCancerChronicDerived_Inh	2.57E-04
673	ALL	363049.3	3766408	NonCancerChronicDerived_Inh	2.55E-04
1162	ALL	363324.3	3766708	NonCancerChronicDerived_Inh	2.52E-04
1041	ALL	363374.3	3766633	NonCancerChronicDerived_Inh	2.52E-04
713	ALL	363024.3	3766433	NonCancerChronicDerived_Inh	2.47E-04
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1000	ALL	363374.3	3766608	NonCancerChronicDerived_Inh	2.45E-04
1115	ALL	363174.3	3766683	NonCancerChronicDerived_Inh	2.38E-04
828	ALL	362999.3	3766508	NonCancerChronicDerived_Inh	2.35E-04
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761	ALL	363274.3	3766458	NonCancerChronicDerived_Inh	2.32E-04
1163	ALL	363349.3	3766708	NonCancerChronicDerived_Inh	2.32E-04
638	ALL	363199.3	3766383	NonCancerChronicDerived_Inh	2.31E-04
1123	ALL	363374.3	3766683	NonCancerChronicDerived_Inh	2.30E-04
791	ALL	362999.3	3766483	NonCancerChronicDerived_Inh	2.30E-04
987	ALL	363049.3	3766608	NonCancerChronicDerived_Inh	2.29E-04
633	ALL	363074.3	3766383	NonCancerChronicDerived_Inh	2.28E-04
945	ALL	363024.3	3766583	NonCancerChronicDerived_Inh	2.25E-04
959	ALL	363374.3	3766583	NonCancerChronicDerived_Inh	2.24E-04
866	ALL	362999.3	3766533	NonCancerChronicDerived_Inh	2.22E-04
1072	ALL	363124.3	3766658	NonCancerChronicDerived_Inh	2.22E-04
799	ALL	363299.3	3766483	NonCancerChronicDerived_Inh	2.19E-04
838	ALL	363324.3	3766508	NonCancerChronicDerived_Inh	2.16E-04
1029	ALL	363074.3	3766633	NonCancerChronicDerived_Inh	2.12E-04
752	ALL	362999.3	3766458	NonCancerChronicDerived_Inh	2.11E-04
1202	ALL	363299.3	3766733	NonCancerChronicDerived_Inh	2.10E-04
1164	ALL	363374.3	3766708	NonCancerChronicDerived_Inh	2.08E-04
877	ALL	363349.3	3766533	NonCancerChronicDerived_Inh	2.07E-04
1203	ALL	363324.3	3766733	NonCancerChronicDerived_Inh	2.07E-04
1201	ALL	363274.3	3766733	NonCancerChronicDerived_Inh	2.05E-04
1083	ALL	363399.3	3766658	NonCancerChronicDerived_Inh	2.03E-04
1042	ALL	363399.3	3766633	NonCancerChronicDerived_Inh	2.02E-04
1157	ALL	363199.3	3766708	NonCancerChronicDerived_Inh	2.00E-04
672	ALL	363024.3	3766408	NonCancerChronicDerived_Inh	1.99E-04
904	ALL	362999.3	3766558	NonCancerChronicDerived_Inh	1.98E-04
1204	ALL	363349.3	3766733	NonCancerChronicDerived_Inh	1.97E-04
1124	ALL	363399.3	3766683	NonCancerChronicDerived_Inh	1.96E-04
681	ALL	363249.3	3766408	NonCancerChronicDerived_Inh	1.95E-04
595	ALL	363149.3	3766358	NonCancerChronicDerived_Inh	1.94E-04
594	ALL	363124.3	3766358	NonCancerChronicDerived_Inh	1.93E-04
1001	ALL	363399.3	3766608	NonCancerChronicDerived_Inh	1.92E-04
918	ALL	363374.3	3766558	NonCancerChronicDerived_Inh	1.91E-04
632	ALL	363049.3	3766383	NonCancerChronicDerived_Inh	1.91E-04
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639	ALL	363224.3	3766383	NonCancerChronicDerived_Inh	1.88E-04
712	ALL	362999.3	3766433	NonCancerChronicDerived_Inh	1.85E-04
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1205	ALL	363374.3	3766733	NonCancerChronicDerived_Inh	1.83E-04
593	ALL	363099.3	3766358	NonCancerChronicDerived_Inh	1.83E-04
596	ALL	363174.3	3766358	NonCancerChronicDerived_Inh	1.82E-04
722	ALL	363274.3	3766433	NonCancerChronicDerived_Inh	1.82E-04

986	ALL	363024.3	3766608	NonCancerChronicDerived_Inh	1.77E-04
960	ALL	363399.3	3766583	NonCancerChronicDerived_Inh	1.72E-04
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827	ALL	362974.3	3766508	NonCancerChronicDerived_Inh	1.68E-04
1199	ALL	363224.3	3766733	NonCancerChronicDerived_Inh	1.68E-04
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790	ALL	362974.3	3766483	NonCancerChronicDerived_Inh	1.66E-04
1243	ALL	363299.3	3766758	NonCancerChronicDerived_Inh	1.66E-04
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1242	ALL	363274.3	3766758	NonCancerChronicDerived_Inh	1.56E-04
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1113	ALL	363124.3	3766683	NonCancerChronicDerived_Inh	1.54E-04
878	ALL	363374.3	3766533	NonCancerChronicDerived_Inh	1.54E-04
1002	ALL	363424.3	3766608	NonCancerChronicDerived_Inh	1.52E-04
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640	ALL	363249.3	3766383	NonCancerChronicDerived_Inh	1.49E-04
1247	ALL	363399.3	3766758	NonCancerChronicDerived_Inh	1.48E-04
903	ALL	362974.3	3766558	NonCancerChronicDerived_Inh	1.46E-04
682	ALL	363274.3	3766408	NonCancerChronicDerived_Inh	1.46E-04
919	ALL	363399.3	3766558	NonCancerChronicDerived_Inh	1.45E-04
591	ALL	363049.3	3766358	NonCancerChronicDerived_Inh	1.45E-04
1198	ALL	363199.3	3766733	NonCancerChronicDerived_Inh	1.43E-04
711	ALL	362974.3	3766433	NonCancerChronicDerived_Inh	1.42E-04
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1126	ALL	363449.3	3766683	NonCancerChronicDerived_Inh	1.42E-04
1085	ALL	363449.3	3766658	NonCancerChronicDerived_Inh	1.40E-04
1167	ALL	363449.3	3766708	NonCancerChronicDerived_Inh	1.39E-04
598	ALL	363224.3	3766358	NonCancerChronicDerived_Inh	1.38E-04
553	ALL	363124.3	3766333	NonCancerChronicDerived_Inh	1.38E-04
1027	ALL	363024.3	3766633	NonCancerChronicDerived_Inh	1.38E-04
985	ALL	362999.3	3766608	NonCancerChronicDerived_Inh	1.38E-04
554	ALL	363149.3	3766333	NonCancerChronicDerived_Inh	1.38E-04
1286	ALL	363349.3	3766783	NonCancerChronicDerived_Inh	1.38E-04
1248	ALL	363424.3	3766758	NonCancerChronicDerived_Inh	1.36E-04
1285	ALL	363324.3	3766783	NonCancerChronicDerived_Inh	1.36E-04
1287	ALL	363374.3	3766783	NonCancerChronicDerived_Inh	1.35E-04
961	ALL	363424.3	3766583	NonCancerChronicDerived_Inh	1.34E-04
1155	ALL	363149.3	3766708	NonCancerChronicDerived_Inh	1.34E-04
723	ALL	363299.3	3766433	NonCancerChronicDerived_Inh	1.34E-04
1044	ALL	363449.3	3766633	NonCancerChronicDerived_Inh	1.33E-04
552	ALL	363099.3	3766333	NonCancerChronicDerived_Inh	1.33E-04
1208	ALL	363449.3	3766733	NonCancerChronicDerived_Inh	1.33E-04
555	ALL	363174.3	3766333	NonCancerChronicDerived_Inh	1.31E-04
630	ALL	362999.3	3766383	NonCancerChronicDerived_Inh	1.30E-04
1112	ALL	363099.3	3766683	NonCancerChronicDerived_Inh	1.30E-04
1284	ALL	363299.3	3766783	NonCancerChronicDerived_Inh	1.30E-04
1288	ALL	363399.3	3766783	NonCancerChronicDerived_Inh	1.29E-04
943	ALL	362974.3	3766583	NonCancerChronicDerived_Inh	1.28E-04
1069	ALL	363049.3	3766658	NonCancerChronicDerived_Inh	1.27E-04
826	ALL	362949.3	3766508	NonCancerChronicDerived_Inh	1.26E-04
590	ALL	363024.3	3766358	NonCancerChronicDerived_Inh	1.25E-04
789	ALL	362949.3	3766483	NonCancerChronicDerived_Inh	1.25E-04
1240	ALL	363224.3	3766758	NonCancerChronicDerived_Inh	1.25E-04
670	ALL	362974.3	3766408	NonCancerChronicDerived_Inh	1.25E-04
551	ALL	363074.3	3766333	NonCancerChronicDerived_Inh	1.24E-04
1249	ALL	363449.3	3766758	NonCancerChronicDerived_Inh	1.24E-04
763	ALL	363324.3	3766458	NonCancerChronicDerived_Inh	1.23E-04
1289	ALL	363424.3	3766783	NonCancerChronicDerived_Inh	1.22E-04
1003	ALL	363449.3	3766608	NonCancerChronicDerived_Inh	1.22E-04
864	ALL	362949.3	3766533	NonCancerChronicDerived_Inh	1.21E-04
1283	ALL	363274.3	3766783	NonCancerChronicDerived_Inh	1.20E-04
1127	ALL	363474.3	3766683	NonCancerChronicDerived_Inh	1.20E-04
1168	ALL	363474.3	3766708	NonCancerChronicDerived_Inh	1.20E-04
750	ALL	362949.3	3766458	NonCancerChronicDerived_Inh	1.20E-04
1197	ALL	363174.3	3766733	NonCancerChronicDerived_Inh	1.20E-04
556	ALL	363199.3	3766333	NonCancerChronicDerived_Inh	1.19E-04

801	ALL	363349.3	3766483	NonCancerChronicDerived_Inh	1.19E-04
840	ALL	363374.3	3766508	NonCancerChronicDerived_Inh	1.19E-04
879	ALL	363399.3	3766533	NonCancerChronicDerived_Inh	1.17E-04
641	ALL	363274.3	3766383	NonCancerChronicDerived_Inh	1.17E-04
1209	ALL	363474.3	3766733	NonCancerChronicDerived_Inh	1.17E-04
1086	ALL	363474.3	3766658	NonCancerChronicDerived_Inh	1.17E-04
599	ALL	363249.3	3766358	NonCancerChronicDerived_Inh	1.15E-04
1328	ALL	363374.3	3766808	NonCancerChronicDerived_Inh	1.14E-04
1327	ALL	363349.3	3766808	NonCancerChronicDerived_Inh	1.14E-04
1290	ALL	363449.3	3766783	NonCancerChronicDerived_Inh	1.13E-04
920	ALL	363424.3	3766558	NonCancerChronicDerived_Inh	1.13E-04
550	ALL	363049.3	3766333	NonCancerChronicDerived_Inh	1.12E-04
1026	ALL	362999.3	3766633	NonCancerChronicDerived_Inh	1.12E-04
1154	ALL	363124.3	3766708	NonCancerChronicDerived_Inh	1.12E-04
1329	ALL	363399.3	3766808	NonCancerChronicDerived_Inh	1.12E-04
902	ALL	362949.3	3766558	NonCancerChronicDerived_Inh	1.12E-04
1250	ALL	363474.3	3766758	NonCancerChronicDerived_Inh	1.11E-04
683	ALL	363299.3	3766408	NonCancerChronicDerived_Inh	1.11E-04
710	ALL	362949.3	3766433	NonCancerChronicDerived_Inh	1.11E-04
1111	ALL	363074.3	3766683	NonCancerChronicDerived_Inh	1.10E-04
1326	ALL	363324.3	3766808	NonCancerChronicDerived_Inh	1.10E-04
984	ALL	362974.3	3766608	NonCancerChronicDerived_Inh	1.09E-04
1045	ALL	363474.3	3766633	NonCancerChronicDerived_Inh	1.09E-04
1282	ALL	363249.3	3766783	NonCancerChronicDerived_Inh	1.09E-04
1330	ALL	363424.3	3766808	NonCancerChronicDerived_Inh	1.08E-04
1239	ALL	363199.3	3766758	NonCancerChronicDerived_Inh	1.07E-04
629	ALL	362974.3	3766383	NonCancerChronicDerived_Inh	1.07E-04
589	ALL	362999.3	3766358	NonCancerChronicDerived_Inh	1.07E-04
962	ALL	363449.3	3766583	NonCancerChronicDerived_Inh	1.07E-04
557	ALL	363224.3	3766333	NonCancerChronicDerived_Inh	1.05E-04
1068	ALL	363024.3	3766658	NonCancerChronicDerived_Inh	1.05E-04
1291	ALL	363474.3	3766783	NonCancerChronicDerived_Inh	1.04E-04
1169	ALL	363499.3	3766708	NonCancerChronicDerived_Inh	1.04E-04
512	ALL	363124.3	3766308	NonCancerChronicDerived_Inh	1.03E-04
1325	ALL	363299.3	3766808	NonCancerChronicDerived_Inh	1.03E-04
1210	ALL	363499.3	3766733	NonCancerChronicDerived_Inh	1.03E-04
513	ALL	363149.3	3766308	NonCancerChronicDerived_Inh	1.03E-04
1128	ALL	363499.3	3766683	NonCancerChronicDerived_Inh	1.02E-04
1331	ALL	363449.3	3766808	NonCancerChronicDerived_Inh	1.02E-04
724	ALL	363324.3	3766433	NonCancerChronicDerived_Inh	1.01E-04
511	ALL	363099.3	3766308	NonCancerChronicDerived_Inh	1.01E-04
942	ALL	362949.3	3766583	NonCancerChronicDerived_Inh	1.01E-04
1196	ALL	363149.3	3766733	NonCancerChronicDerived_Inh	1.01E-04
669	ALL	362949.3	3766408	NonCancerChronicDerived_Inh	1.00E-04
549	ALL	363024.3	3766333	NonCancerChronicDerived_Inh	1.00E-04
1251	ALL	363499.3	3766758	NonCancerChronicDerived_Inh	9.96E-05
1004	ALL	363474.3	3766608	NonCancerChronicDerived_Inh	9.87E-05
514	ALL	363174.3	3766308	NonCancerChronicDerived_Inh	9.84E-05
1087	ALL	363499.3	3766658	NonCancerChronicDerived_Inh	9.77E-05
788	ALL	362924.3	3766483	NonCancerChronicDerived_Inh	9.75E-05
825	ALL	362924.3	3766508	NonCancerChronicDerived_Inh	9.75E-05
1370	ALL	363399.3	3766833	NonCancerChronicDerived_Inh	9.63E-05
1369	ALL	363374.3	3766833	NonCancerChronicDerived_Inh	9.62E-05
1281	ALL	363224.3	3766783	NonCancerChronicDerived_Inh	9.59E-05
1153	ALL	363099.3	3766708	NonCancerChronicDerived_Inh	9.59E-05
1332	ALL	363474.3	3766808	NonCancerChronicDerived_Inh	9.56E-05
510	ALL	363074.3	3766308	NonCancerChronicDerived_Inh	9.55E-05
1324	ALL	363274.3	3766808	NonCancerChronicDerived_Inh	9.51E-05
1292	ALL	363499.3	3766783	NonCancerChronicDerived_Inh	9.46E-05
749	ALL	362924.3	3766458	NonCancerChronicDerived_Inh	9.46E-05
600	ALL	363274.3	3766358	NonCancerChronicDerived_Inh	9.46E-05
1371	ALL	363424.3	3766833	NonCancerChronicDerived_Inh	9.44E-05
764	ALL	363349.3	3766458	NonCancerChronicDerived_Inh	9.43E-05
863	ALL	362924.3	3766533	NonCancerChronicDerived_Inh	9.41E-05
1110	ALL	363049.3	3766683	NonCancerChronicDerived_Inh	9.38E-05
1368	ALL	363349.3	3766833	NonCancerChronicDerived_Inh	9.33E-05
642	ALL	363299.3	3766383	NonCancerChronicDerived_Inh	9.29E-05
1025	ALL	362974.3	3766633	NonCancerChronicDerived_Inh	9.24E-05
841	ALL	363399.3	3766508	NonCancerChronicDerived_Inh	9.22E-05
802	ALL	363374.3	3766483	NonCancerChronicDerived_Inh	9.21E-05
880	ALL	363424.3	3766533	NonCancerChronicDerived_Inh	9.19E-05
515	ALL	363199.3	3766308	NonCancerChronicDerived_Inh	9.13E-05
588	ALL	362974.3	3766358	NonCancerChronicDerived_Inh	9.12E-05
1238	ALL	363174.3	3766758	NonCancerChronicDerived_Inh	9.11E-05
1372	ALL	363449.3	3766833	NonCancerChronicDerived_Inh	9.11E-05
558	ALL	363249.3	3766333	NonCancerChronicDerived_Inh	9.06E-05
1046	ALL	363499.3	3766633	NonCancerChronicDerived_Inh	9.04E-05
1211	ALL	363524.3	3766733	NonCancerChronicDerived_Inh	9.02E-05
1170	ALL	363524.3	3766708	NonCancerChronicDerived_Inh	8.98E-05
921	ALL	363449.3	3766558	NonCancerChronicDerived_Inh	8.98E-05
709	ALL	362924.3	3766433	NonCancerChronicDerived_Inh	8.92E-05
628	ALL	362949.3	3766383	NonCancerChronicDerived_Inh	8.90E-05
1367	ALL	363324.3	3766833	NonCancerChronicDerived_Inh	8.89E-05

1252	ALL	363524.3	3766758	NonCancerChronicDerived_Inh	8.87E-05
509	ALL	363049.3	3766308	NonCancerChronicDerived_Inh	8.87E-05
1333	ALL	363499.3	3766808	NonCancerChronicDerived_Inh	8.85E-05
983	ALL	362949.3	3766608	NonCancerChronicDerived_Inh	8.85E-05
901	ALL	362924.3	3766558	NonCancerChronicDerived_Inh	8.83E-05
548	ALL	362999.3	3766333	NonCancerChronicDerived_Inh	8.82E-05
1067	ALL	362999.3	3766658	NonCancerChronicDerived_Inh	8.77E-05
1129	ALL	363524.3	3766683	NonCancerChronicDerived_Inh	8.71E-05
684	ALL	363324.3	3766408	NonCancerChronicDerived_Inh	8.67E-05
1373	ALL	363474.3	3766833	NonCancerChronicDerived_Inh	8.67E-05
963	ALL	363474.3	3766583	NonCancerChronicDerived_Inh	8.59E-05
1293	ALL	363524.3	3766783	NonCancerChronicDerived_Inh	8.56E-05
1195	ALL	363124.3	3766733	NonCancerChronicDerived_Inh	8.56E-05
1323	ALL	363249.3	3766808	NonCancerChronicDerived_Inh	8.55E-05
1152	ALL	363074.3	3766708	NonCancerChronicDerived_Inh	8.32E-05
1366	ALL	363299.3	3766833	NonCancerChronicDerived_Inh	8.31E-05
1280	ALL	363199.3	3766783	NonCancerChronicDerived_Inh	8.28E-05
1411	ALL	363399.3	3766858	NonCancerChronicDerived_Inh	8.24E-05
668	ALL	362924.3	3766408	NonCancerChronicDerived_Inh	8.23E-05
516	ALL	363224.3	3766308	NonCancerChronicDerived_Inh	8.23E-05
1412	ALL	363424.3	3766858	NonCancerChronicDerived_Inh	8.22E-05
1088	ALL	363524.3	3766658	NonCancerChronicDerived_Inh	8.22E-05
1374	ALL	363499.3	3766833	NonCancerChronicDerived_Inh	8.17E-05
1334	ALL	363524.3	3766808	NonCancerChronicDerived_Inh	8.13E-05
508	ALL	363024.3	3766308	NonCancerChronicDerived_Inh	8.09E-05
1005	ALL	363499.3	3766608	NonCancerChronicDerived_Inh	8.09E-05
941	ALL	362924.3	3766583	NonCancerChronicDerived_Inh	8.08E-05
1109	ALL	363024.3	3766683	NonCancerChronicDerived_Inh	8.05E-05
1413	ALL	363449.3	3766858	NonCancerChronicDerived_Inh	8.05E-05
1410	ALL	363374.3	3766858	NonCancerChronicDerived_Inh	8.02E-05
471	ALL	363124.3	3766283	NonCancerChronicDerived_Inh	7.99E-05
725	ALL	363349.3	3766433	NonCancerChronicDerived_Inh	7.93E-05
472	ALL	363149.3	3766283	NonCancerChronicDerived_Inh	7.93E-05
1212	ALL	363549.3	3766733	NonCancerChronicDerived_Inh	7.91E-05
1253	ALL	363549.3	3766758	NonCancerChronicDerived_Inh	7.89E-05
470	ALL	363099.3	3766283	NonCancerChronicDerived_Inh	7.86E-05
787	ALL	362899.3	3766483	NonCancerChronicDerived_Inh	7.80E-05
1414	ALL	363474.3	3766858	NonCancerChronicDerived_Inh	7.79E-05
824	ALL	362899.3	3766508	NonCancerChronicDerived_Inh	7.77E-05
587	ALL	362949.3	3766358	NonCancerChronicDerived_Inh	7.77E-05
1171	ALL	363549.3	3766708	NonCancerChronicDerived_Inh	7.77E-05
601	ALL	363299.3	3766358	NonCancerChronicDerived_Inh	7.76E-05
1237	ALL	363149.3	3766758	NonCancerChronicDerived_Inh	7.75E-05
547	ALL	362974.3	3766333	NonCancerChronicDerived_Inh	7.72E-05
1294	ALL	363549.3	3766783	NonCancerChronicDerived_Inh	7.72E-05
1409	ALL	363349.3	3766858	NonCancerChronicDerived_Inh	7.70E-05
559	ALL	363274.3	3766333	NonCancerChronicDerived_Inh	7.69E-05
1024	ALL	362949.3	3766633	NonCancerChronicDerived_Inh	7.67E-05
473	ALL	363174.3	3766283	NonCancerChronicDerived_Inh	7.65E-05
748	ALL	362899.3	3766458	NonCancerChronicDerived_Inh	7.62E-05
1375	ALL	363524.3	3766833	NonCancerChronicDerived_Inh	7.62E-05
1365	ALL	363274.3	3766833	NonCancerChronicDerived_Inh	7.60E-05
469	ALL	363074.3	3766283	NonCancerChronicDerived_Inh	7.55E-05
862	ALL	362899.3	3766533	NonCancerChronicDerived_Inh	7.53E-05
1322	ALL	363224.3	3766808	NonCancerChronicDerived_Inh	7.53E-05
1047	ALL	363524.3	3766633	NonCancerChronicDerived_Inh	7.53E-05
1066	ALL	362974.3	3766658	NonCancerChronicDerived_Inh	7.49E-05
765	ALL	363374.3	3766458	NonCancerChronicDerived_Inh	7.46E-05
643	ALL	363324.3	3766383	NonCancerChronicDerived_Inh	7.45E-05
1415	ALL	363499.3	3766858	NonCancerChronicDerived_Inh	7.44E-05
1130	ALL	363549.3	3766683	NonCancerChronicDerived_Inh	7.44E-05
627	ALL	362924.3	3766383	NonCancerChronicDerived_Inh	7.44E-05
1335	ALL	363549.3	3766808	NonCancerChronicDerived_Inh	7.43E-05
1194	ALL	363099.3	3766733	NonCancerChronicDerived_Inh	7.41E-05
881	ALL	363449.3	3766533	NonCancerChronicDerived_Inh	7.35E-05
842	ALL	363424.3	3766508	NonCancerChronicDerived_Inh	7.34E-05
803	ALL	363399.3	3766483	NonCancerChronicDerived_Inh	7.32E-05
507	ALL	362999.3	3766308	NonCancerChronicDerived_Inh	7.30E-05
1408	ALL	363324.3	3766858	NonCancerChronicDerived_Inh	7.29E-05
708	ALL	362899.3	3766433	NonCancerChronicDerived_Inh	7.29E-05
1151	ALL	363049.3	3766708	NonCancerChronicDerived_Inh	7.28E-05
517	ALL	363249.3	3766308	NonCancerChronicDerived_Inh	7.26E-05
982	ALL	362924.3	3766608	NonCancerChronicDerived_Inh	7.26E-05
922	ALL	363474.3	3766558	NonCancerChronicDerived_Inh	7.25E-05
474	ALL	363199.3	3766283	NonCancerChronicDerived_Inh	7.18E-05
900	ALL	362899.3	3766558	NonCancerChronicDerived_Inh	7.14E-05
1453	ALL	363424.3	3766883	NonCancerChronicDerived_Inh	7.13E-05
468	ALL	363049.3	3766283	NonCancerChronicDerived_Inh	7.12E-05
1279	ALL	363174.3	3766783	NonCancerChronicDerived_Inh	7.11E-05
1454	ALL	363449.3	3766883	NonCancerChronicDerived_Inh	7.08E-05
1376	ALL	363549.3	3766833	NonCancerChronicDerived_Inh	7.06E-05
1416	ALL	363524.3	3766858	NonCancerChronicDerived_Inh	7.05E-05
964	ALL	363499.3	3766583	NonCancerChronicDerived_Inh	7.02E-05

1254	ALL	363574.3	3766758	NonCancerChronicDerived_Inh	7.01E-05
1452	ALL	363399.3	3766883	NonCancerChronicDerived_Inh	6.97E-05
1089	ALL	363549.3	3766658	NonCancerChronicDerived_Inh	6.95E-05
1108	ALL	362999.3	3766683	NonCancerChronicDerived_Inh	6.95E-05
1455	ALL	363474.3	3766883	NonCancerChronicDerived_Inh	6.94E-05
1213	ALL	363574.3	3766733	NonCancerChronicDerived_Inh	6.94E-05
1295	ALL	363574.3	3766783	NonCancerChronicDerived_Inh	6.94E-05
685	ALL	363349.3	3766408	NonCancerChronicDerived_Inh	6.90E-05
667	ALL	362899.3	3766408	NonCancerChronicDerived_Inh	6.82E-05
1364	ALL	363249.3	3766833	NonCancerChronicDerived_Inh	6.82E-05
1407	ALL	363299.3	3766858	NonCancerChronicDerived_Inh	6.76E-05
1336	ALL	363574.3	3766808	NonCancerChronicDerived_Inh	6.76E-05
546	ALL	362949.3	3766333	NonCancerChronicDerived_Inh	6.74E-05
1172	ALL	363574.3	3766708	NonCancerChronicDerived_Inh	6.73E-05
1456	ALL	363499.3	3766883	NonCancerChronicDerived_Inh	6.73E-05
1451	ALL	363374.3	3766883	NonCancerChronicDerived_Inh	6.73E-05
1006	ALL	363524.3	3766608	NonCancerChronicDerived_Inh	6.70E-05
1236	ALL	363124.3	3766758	NonCancerChronicDerived_Inh	6.69E-05
586	ALL	362924.3	3766358	NonCancerChronicDerived_Inh	6.64E-05
1417	ALL	363549.3	3766858	NonCancerChronicDerived_Inh	6.62E-05
467	ALL	363024.3	3766283	NonCancerChronicDerived_Inh	6.62E-05
940	ALL	362899.3	3766583	NonCancerChronicDerived_Inh	6.62E-05
475	ALL	363224.3	3766283	NonCancerChronicDerived_Inh	6.58E-05
1321	ALL	363199.3	3766808	NonCancerChronicDerived_Inh	6.55E-05
506	ALL	362974.3	3766308	NonCancerChronicDerived_Inh	6.53E-05
1193	ALL	363074.3	3766733	NonCancerChronicDerived_Inh	6.51E-05
1377	ALL	363574.3	3766833	NonCancerChronicDerived_Inh	6.50E-05
560	ALL	363299.3	3766333	NonCancerChronicDerived_Inh	6.50E-05
1457	ALL	363524.3	3766883	NonCancerChronicDerived_Inh	6.46E-05
1065	ALL	362949.3	3766658	NonCancerChronicDerived_Inh	6.45E-05
1023	ALL	362924.3	3766633	NonCancerChronicDerived_Inh	6.44E-05
1450	ALL	363349.3	3766883	NonCancerChronicDerived_Inh	6.42E-05
1150	ALL	363024.3	3766708	NonCancerChronicDerived_Inh	6.41E-05
602	ALL	363324.3	3766358	NonCancerChronicDerived_Inh	6.40E-05
1131	ALL	363574.3	3766683	NonCancerChronicDerived_Inh	6.39E-05
786	ALL	362874.3	3766483	NonCancerChronicDerived_Inh	6.37E-05
430	ALL	363124.3	3766258	NonCancerChronicDerived_Inh	6.36E-05
726	ALL	363374.3	3766433	NonCancerChronicDerived_Inh	6.36E-05
823	ALL	362874.3	3766508	NonCancerChronicDerived_Inh	6.34E-05
518	ALL	363274.3	3766308	NonCancerChronicDerived_Inh	6.33E-05
1048	ALL	363549.3	3766633	NonCancerChronicDerived_Inh	6.32E-05
431	ALL	363149.3	3766258	NonCancerChronicDerived_Inh	6.30E-05
429	ALL	363099.3	3766258	NonCancerChronicDerived_Inh	6.29E-05
626	ALL	362899.3	3766383	NonCancerChronicDerived_Inh	6.28E-05
747	ALL	362874.3	3766458	NonCancerChronicDerived_Inh	6.26E-05
1296	ALL	363599.3	3766783	NonCancerChronicDerived_Inh	6.23E-05
1255	ALL	363599.3	3766758	NonCancerChronicDerived_Inh	6.22E-05
1495	ALL	363449.3	3766908	NonCancerChronicDerived_Inh	6.20E-05
1418	ALL	363574.3	3766858	NonCancerChronicDerived_Inh	6.18E-05
1406	ALL	363274.3	3766858	NonCancerChronicDerived_Inh	6.16E-05
1496	ALL	363474.3	3766908	NonCancerChronicDerived_Inh	6.16E-05
861	ALL	362874.3	3766533	NonCancerChronicDerived_Inh	6.16E-05
1458	ALL	363549.3	3766883	NonCancerChronicDerived_Inh	6.14E-05
1337	ALL	363599.3	3766808	NonCancerChronicDerived_Inh	6.14E-05
1278	ALL	363149.3	3766783	NonCancerChronicDerived_Inh	6.13E-05
432	ALL	363174.3	3766258	NonCancerChronicDerived_Inh	6.10E-05
428	ALL	363074.3	3766258	NonCancerChronicDerived_Inh	6.10E-05
1494	ALL	363424.3	3766908	NonCancerChronicDerived_Inh	6.10E-05
1214	ALL	363599.3	3766733	NonCancerChronicDerived_Inh	6.09E-05
466	ALL	362999.3	3766283	NonCancerChronicDerived_Inh	6.08E-05
644	ALL	363349.3	3766383	NonCancerChronicDerived_Inh	6.06E-05
707	ALL	362874.3	3766433	NonCancerChronicDerived_Inh	6.04E-05
1497	ALL	363499.3	3766908	NonCancerChronicDerived_Inh	6.04E-05
981	ALL	362899.3	3766608	NonCancerChronicDerived_Inh	6.04E-05
766	ALL	363399.3	3766458	NonCancerChronicDerived_Inh	6.03E-05
1363	ALL	363224.3	3766833	NonCancerChronicDerived_Inh	6.03E-05
1107	ALL	362974.3	3766683	NonCancerChronicDerived_Inh	6.02E-05
1449	ALL	363324.3	3766883	NonCancerChronicDerived_Inh	6.02E-05
882	ALL	363474.3	3766533	NonCancerChronicDerived_Inh	5.98E-05
1378	ALL	363599.3	3766833	NonCancerChronicDerived_Inh	5.97E-05
843	ALL	363449.3	3766508	NonCancerChronicDerived_Inh	5.96E-05
923	ALL	363499.3	3766558	NonCancerChronicDerived_Inh	5.94E-05
804	ALL	363424.3	3766483	NonCancerChronicDerived_Inh	5.94E-05
476	ALL	363249.3	3766283	NonCancerChronicDerived_Inh	5.93E-05
1090	ALL	363574.3	3766658	NonCancerChronicDerived_Inh	5.92E-05
1493	ALL	363399.3	3766908	NonCancerChronicDerived_Inh	5.91E-05
545	ALL	362924.3	3766333	NonCancerChronicDerived_Inh	5.88E-05
1235	ALL	363099.3	3766758	NonCancerChronicDerived_Inh	5.87E-05
899	ALL	362874.3	3766558	NonCancerChronicDerived_Inh	5.87E-05
1498	ALL	363524.3	3766908	NonCancerChronicDerived_Inh	5.87E-05
1173	ALL	363599.3	3766708	NonCancerChronicDerived_Inh	5.85E-05
427	ALL	363049.3	3766258	NonCancerChronicDerived_Inh	5.82E-05
505	ALL	362949.3	3766308	NonCancerChronicDerived_Inh	5.82E-05

965	ALL	363524.3	3766583	NonCancerChronicDerived_Inh	5.81E-05
1459	ALL	363574.3	3766883	NonCancerChronicDerived_Inh	5.80E-05
1192	ALL	363049.3	3766733	NonCancerChronicDerived_Inh	5.79E-05
433	ALL	363199.3	3766258	NonCancerChronicDerived_Inh	5.78E-05
666	ALL	362874.3	3766408	NonCancerChronicDerived_Inh	5.73E-05
1419	ALL	363599.3	3766858	NonCancerChronicDerived_Inh	5.73E-05
585	ALL	362899.3	3766358	NonCancerChronicDerived_Inh	5.71E-05
1492	ALL	363374.3	3766908	NonCancerChronicDerived_Inh	5.68E-05
1320	ALL	363174.3	3766808	NonCancerChronicDerived_Inh	5.68E-05
1499	ALL	363549.3	3766908	NonCancerChronicDerived_Inh	5.65E-05
1149	ALL	362999.3	3766708	NonCancerChronicDerived_Inh	5.63E-05
1064	ALL	362924.3	3766658	NonCancerChronicDerived_Inh	5.61E-05
1007	ALL	363549.3	3766608	NonCancerChronicDerived_Inh	5.61E-05
686	ALL	363374.3	3766408	NonCancerChronicDerived_Inh	5.60E-05
1297	ALL	363624.3	3766783	NonCancerChronicDerived_Inh	5.58E-05
1338	ALL	363624.3	3766808	NonCancerChronicDerived_Inh	5.56E-05
1448	ALL	363299.3	3766883	NonCancerChronicDerived_Inh	5.56E-05
465	ALL	362974.3	3766283	NonCancerChronicDerived_Inh	5.55E-05
1405	ALL	363249.3	3766858	NonCancerChronicDerived_Inh	5.53E-05
1256	ALL	363624.3	3766758	NonCancerChronicDerived_Inh	5.51E-05
939	ALL	362874.3	3766583	NonCancerChronicDerived_Inh	5.50E-05
1132	ALL	363599.3	3766683	NonCancerChronicDerived_Inh	5.50E-05
561	ALL	363324.3	3766333	NonCancerChronicDerived_Inh	5.49E-05
426	ALL	363024.3	3766258	NonCancerChronicDerived_Inh	5.49E-05
519	ALL	363299.3	3766308	NonCancerChronicDerived_Inh	5.47E-05
1379	ALL	363624.3	3766833	NonCancerChronicDerived_Inh	5.46E-05
1022	ALL	362899.3	3766633	NonCancerChronicDerived_Inh	5.44E-05
1460	ALL	363599.3	3766883	NonCancerChronicDerived_Inh	5.44E-05
1537	ALL	363474.3	3766933	NonCancerChronicDerived_Inh	5.42E-05
1538	ALL	363499.3	3766933	NonCancerChronicDerived_Inh	5.40E-05
1500	ALL	363574.3	3766908	NonCancerChronicDerived_Inh	5.40E-05
1491	ALL	363349.3	3766908	NonCancerChronicDerived_Inh	5.38E-05
434	ALL	363224.3	3766258	NonCancerChronicDerived_Inh	5.37E-05
1277	ALL	363124.3	3766783	NonCancerChronicDerived_Inh	5.36E-05
1049	ALL	363574.3	3766633	NonCancerChronicDerived_Inh	5.35E-05
625	ALL	362874.3	3766383	NonCancerChronicDerived_Inh	5.35E-05
1215	ALL	363624.3	3766733	NonCancerChronicDerived_Inh	5.35E-05
1536	ALL	363449.3	3766933	NonCancerChronicDerived_Inh	5.34E-05
603	ALL	363349.3	3766358	NonCancerChronicDerived_Inh	5.31E-05
1539	ALL	363524.3	3766933	NonCancerChronicDerived_Inh	5.30E-05
1420	ALL	363624.3	3766858	NonCancerChronicDerived_Inh	5.29E-05
785	ALL	362849.3	3766483	NonCancerChronicDerived_Inh	5.29E-05
1362	ALL	363199.3	3766833	NonCancerChronicDerived_Inh	5.29E-05
477	ALL	363274.3	3766283	NonCancerChronicDerived_Inh	5.27E-05
822	ALL	362849.3	3766508	NonCancerChronicDerived_Inh	5.26E-05
1106	ALL	362949.3	3766683	NonCancerChronicDerived_Inh	5.24E-05
746	ALL	362849.3	3766458	NonCancerChronicDerived_Inh	5.23E-05
1234	ALL	363074.3	3766758	NonCancerChronicDerived_Inh	5.22E-05
1535	ALL	363424.3	3766933	NonCancerChronicDerived_Inh	5.22E-05
727	ALL	363399.3	3766433	NonCancerChronicDerived_Inh	5.20E-05
389	ALL	363124.3	3766233	NonCancerChronicDerived_Inh	5.17E-05
504	ALL	362924.3	3766308	NonCancerChronicDerived_Inh	5.17E-05
1191	ALL	363024.3	3766733	NonCancerChronicDerived_Inh	5.16E-05
1540	ALL	363549.3	3766933	NonCancerChronicDerived_Inh	5.16E-05
544	ALL	362899.3	3766333	NonCancerChronicDerived_Inh	5.14E-05
388	ALL	363099.3	3766233	NonCancerChronicDerived_Inh	5.13E-05
860	ALL	362849.3	3766533	NonCancerChronicDerived_Inh	5.12E-05
390	ALL	363149.3	3766233	NonCancerChronicDerived_Inh	5.12E-05
1501	ALL	363599.3	3766908	NonCancerChronicDerived_Inh	5.12E-05
425	ALL	362999.3	3766258	NonCancerChronicDerived_Inh	5.12E-05
1174	ALL	363624.3	3766708	NonCancerChronicDerived_Inh	5.10E-05
706	ALL	362849.3	3766433	NonCancerChronicDerived_Inh	5.08E-05
980	ALL	362874.3	3766608	NonCancerChronicDerived_Inh	5.08E-05
1461	ALL	363624.3	3766883	NonCancerChronicDerived_Inh	5.08E-05
1091	ALL	363599.3	3766658	NonCancerChronicDerived_Inh	5.06E-05
1447	ALL	363274.3	3766883	NonCancerChronicDerived_Inh	5.06E-05
1534	ALL	363399.3	3766933	NonCancerChronicDerived_Inh	5.05E-05
1339	ALL	363649.3	3766808	NonCancerChronicDerived_Inh	5.03E-05
464	ALL	362949.3	3766283	NonCancerChronicDerived_Inh	5.03E-05
1490	ALL	363324.3	3766908	NonCancerChronicDerived_Inh	5.01E-05
387	ALL	363074.3	3766233	NonCancerChronicDerived_Inh	5.01E-05
1298	ALL	363649.3	3766783	NonCancerChronicDerived_Inh	5.00E-05
645	ALL	363374.3	3766383	NonCancerChronicDerived_Inh	4.99E-05
1380	ALL	363649.3	3766833	NonCancerChronicDerived_Inh	4.99E-05
1541	ALL	363574.3	3766933	NonCancerChronicDerived_Inh	4.98E-05
391	ALL	363174.3	3766233	NonCancerChronicDerived_Inh	4.98E-05
1148	ALL	362974.3	3766708	NonCancerChronicDerived_Inh	4.97E-05
767	ALL	363424.3	3766458	NonCancerChronicDerived_Inh	4.97E-05
1319	ALL	363149.3	3766808	NonCancerChronicDerived_Inh	4.95E-05
883	ALL	363499.3	3766533	NonCancerChronicDerived_Inh	4.95E-05
924	ALL	363524.3	3766558	NonCancerChronicDerived_Inh	4.94E-05
584	ALL	362874.3	3766358	NonCancerChronicDerived_Inh	4.93E-05
844	ALL	363474.3	3766508	NonCancerChronicDerived_Inh	4.92E-05

898	ALL	362849.3	3766558	NonCancerChronicDerived_Inh	4.91E-05
435	ALL	363249.3	3766258	NonCancerChronicDerived_Inh	4.91E-05
1404	ALL	363224.3	3766858	NonCancerChronicDerived_Inh	4.91E-05
805	ALL	363449.3	3766483	NonCancerChronicDerived_Inh	4.90E-05
1257	ALL	363649.3	3766758	NonCancerChronicDerived_Inh	4.89E-05
1421	ALL	363649.3	3766858	NonCancerChronicDerived_Inh	4.88E-05
665	ALL	362849.3	3766408	NonCancerChronicDerived_Inh	4.87E-05
966	ALL	363549.3	3766583	NonCancerChronicDerived_Inh	4.86E-05
1063	ALL	362899.3	3766658	NonCancerChronicDerived_Inh	4.86E-05
1502	ALL	363624.3	3766908	NonCancerChronicDerived_Inh	4.83E-05
386	ALL	363049.3	3766233	NonCancerChronicDerived_Inh	4.83E-05
1533	ALL	363374.3	3766933	NonCancerChronicDerived_Inh	4.82E-05
1579	ALL	363499.3	3766958	NonCancerChronicDerived_Inh	4.78E-05
1542	ALL	363599.3	3766933	NonCancerChronicDerived_Inh	4.78E-05
1580	ALL	363524.3	3766958	NonCancerChronicDerived_Inh	4.77E-05
1133	ALL	363624.3	3766683	NonCancerChronicDerived_Inh	4.76E-05
1276	ALL	363099.3	3766783	NonCancerChronicDerived_Inh	4.76E-05
392	ALL	363199.3	3766233	NonCancerChronicDerived_Inh	4.75E-05
1008	ALL	363574.3	3766608	NonCancerChronicDerived_Inh	4.74E-05
424	ALL	362974.3	3766258	NonCancerChronicDerived_Inh	4.73E-05
1462	ALL	363649.3	3766883	NonCancerChronicDerived_Inh	4.73E-05
520	ALL	363324.3	3766308	NonCancerChronicDerived_Inh	4.72E-05
1578	ALL	363474.3	3766958	NonCancerChronicDerived_Inh	4.72E-05
1216	ALL	363649.3	3766733	NonCancerChronicDerived_Inh	4.71E-05
1233	ALL	363049.3	3766758	NonCancerChronicDerived_Inh	4.69E-05
1581	ALL	363549.3	3766958	NonCancerChronicDerived_Inh	4.69E-05
562	ALL	363349.3	3766333	NonCancerChronicDerived_Inh	4.66E-05
478	ALL	363299.3	3766283	NonCancerChronicDerived_Inh	4.65E-05
938	ALL	362849.3	3766583	NonCancerChronicDerived_Inh	4.64E-05
1021	ALL	362874.3	3766633	NonCancerChronicDerived_Inh	4.64E-05
1577	ALL	363449.3	3766958	NonCancerChronicDerived_Inh	4.63E-05
1361	ALL	363174.3	3766833	NonCancerChronicDerived_Inh	4.63E-05
687	ALL	363399.3	3766408	NonCancerChronicDerived_Inh	4.62E-05
1190	ALL	362999.3	3766733	NonCancerChronicDerived_Inh	4.62E-05
1489	ALL	363299.3	3766908	NonCancerChronicDerived_Inh	4.61E-05
385	ALL	363024.3	3766233	NonCancerChronicDerived_Inh	4.60E-05
624	ALL	362849.3	3766383	NonCancerChronicDerived_Inh	4.60E-05
503	ALL	362899.3	3766308	NonCancerChronicDerived_Inh	4.59E-05
1105	ALL	362924.3	3766683	NonCancerChronicDerived_Inh	4.59E-05
1582	ALL	363574.3	3766958	NonCancerChronicDerived_Inh	4.57E-05
1050	ALL	363599.3	3766633	NonCancerChronicDerived_Inh	4.56E-05
1543	ALL	363624.3	3766933	NonCancerChronicDerived_Inh	4.55E-05
1446	ALL	363249.3	3766883	NonCancerChronicDerived_Inh	4.55E-05
463	ALL	362924.3	3766283	NonCancerChronicDerived_Inh	4.54E-05
1532	ALL	363349.3	3766933	NonCancerChronicDerived_Inh	4.54E-05
1503	ALL	363649.3	3766908	NonCancerChronicDerived_Inh	4.53E-05
1576	ALL	363424.3	3766958	NonCancerChronicDerived_Inh	4.51E-05
543	ALL	362874.3	3766333	NonCancerChronicDerived_Inh	4.51E-05
784	ALL	362824.3	3766483	NonCancerChronicDerived_Inh	4.46E-05
393	ALL	363224.3	3766233	NonCancerChronicDerived_Inh	4.46E-05
604	ALL	363374.3	3766358	NonCancerChronicDerived_Inh	4.45E-05
1175	ALL	363649.3	3766708	NonCancerChronicDerived_Inh	4.45E-05
436	ALL	363274.3	3766258	NonCancerChronicDerived_Inh	4.44E-05
821	ALL	362824.3	3766508	NonCancerChronicDerived_Inh	4.43E-05
745	ALL	362824.3	3766458	NonCancerChronicDerived_Inh	4.43E-05
1583	ALL	363599.3	3766958	NonCancerChronicDerived_Inh	4.42E-05
1147	ALL	362949.3	3766708	NonCancerChronicDerived_Inh	4.40E-05
1318	ALL	363124.3	3766808	NonCancerChronicDerived_Inh	4.37E-05
1092	ALL	363624.3	3766658	NonCancerChronicDerived_Inh	4.36E-05
423	ALL	362949.3	3766258	NonCancerChronicDerived_Inh	4.35E-05
384	ALL	362999.3	3766233	NonCancerChronicDerived_Inh	4.34E-05
1403	ALL	363199.3	3766858	NonCancerChronicDerived_Inh	4.34E-05
1575	ALL	363399.3	3766958	NonCancerChronicDerived_Inh	4.33E-05
979	ALL	362849.3	3766608	NonCancerChronicDerived_Inh	4.33E-05
705	ALL	362824.3	3766433	NonCancerChronicDerived_Inh	4.33E-05
728	ALL	363424.3	3766433	NonCancerChronicDerived_Inh	4.32E-05
859	ALL	362824.3	3766533	NonCancerChronicDerived_Inh	4.32E-05
1544	ALL	363649.3	3766933	NonCancerChronicDerived_Inh	4.31E-05
583	ALL	362849.3	3766358	NonCancerChronicDerived_Inh	4.29E-05
348	ALL	363124.3	3766208	NonCancerChronicDerived_Inh	4.29E-05
1275	ALL	363074.3	3766783	NonCancerChronicDerived_Inh	4.26E-05
347	ALL	363099.3	3766208	NonCancerChronicDerived_Inh	4.26E-05
1584	ALL	363624.3	3766958	NonCancerChronicDerived_Inh	4.25E-05
349	ALL	363149.3	3766208	NonCancerChronicDerived_Inh	4.24E-05
1622	ALL	363549.3	3766983	NonCancerChronicDerived_Inh	4.24E-05
1232	ALL	363024.3	3766758	NonCancerChronicDerived_Inh	4.23E-05
1621	ALL	363524.3	3766983	NonCancerChronicDerived_Inh	4.23E-05
1531	ALL	363324.3	3766933	NonCancerChronicDerived_Inh	4.21E-05
1488	ALL	363274.3	3766908	NonCancerChronicDerived_Inh	4.20E-05
1620	ALL	363499.3	3766983	NonCancerChronicDerived_Inh	4.19E-05
346	ALL	363074.3	3766208	NonCancerChronicDerived_Inh	4.19E-05
664	ALL	362824.3	3766408	NonCancerChronicDerived_Inh	4.18E-05
1623	ALL	363574.3	3766983	NonCancerChronicDerived_Inh	4.17E-05

1062	ALL	362874.3	3766658	NonCancerChronicDerived_Inh	4.17E-05
646	ALL	363399.3	3766383	NonCancerChronicDerived_Inh	4.17E-05
897	ALL	362824.3	3766558	NonCancerChronicDerived_Inh	4.16E-05
768	ALL	363449.3	3766458	NonCancerChronicDerived_Inh	4.15E-05
925	ALL	363549.3	3766558	NonCancerChronicDerived_Inh	4.15E-05
884	ALL	363524.3	3766533	NonCancerChronicDerived_Inh	4.15E-05
350	ALL	363174.3	3766208	NonCancerChronicDerived_Inh	4.14E-05
1619	ALL	363474.3	3766983	NonCancerChronicDerived_Inh	4.14E-05
1134	ALL	363649.3	3766683	NonCancerChronicDerived_Inh	4.14E-05
1189	ALL	362974.3	3766733	NonCancerChronicDerived_Inh	4.13E-05
394	ALL	363249.3	3766233	NonCancerChronicDerived_Inh	4.13E-05
845	ALL	363499.3	3766508	NonCancerChronicDerived_Inh	4.12E-05
967	ALL	363574.3	3766583	NonCancerChronicDerived_Inh	4.11E-05
1574	ALL	363374.3	3766958	NonCancerChronicDerived_Inh	4.11E-05
806	ALL	363474.3	3766483	NonCancerChronicDerived_Inh	4.10E-05
462	ALL	362899.3	3766283	NonCancerChronicDerived_Inh	4.09E-05
502	ALL	362874.3	3766308	NonCancerChronicDerived_Inh	4.08E-05
479	ALL	363324.3	3766283	NonCancerChronicDerived_Inh	4.08E-05
521	ALL	363349.3	3766308	NonCancerChronicDerived_Inh	4.08E-05
1360	ALL	363149.3	3766833	NonCancerChronicDerived_Inh	4.08E-05
1624	ALL	363599.3	3766983	NonCancerChronicDerived_Inh	4.07E-05
1585	ALL	363649.3	3766958	NonCancerChronicDerived_Inh	4.07E-05
383	ALL	362974.3	3766233	NonCancerChronicDerived_Inh	4.06E-05
345	ALL	363049.3	3766208	NonCancerChronicDerived_Inh	4.06E-05
1445	ALL	363224.3	3766883	NonCancerChronicDerived_Inh	4.05E-05
1618	ALL	363449.3	3766983	NonCancerChronicDerived_Inh	4.04E-05
1009	ALL	363599.3	3766608	NonCancerChronicDerived_Inh	4.03E-05
1104	ALL	362899.3	3766683	NonCancerChronicDerived_Inh	4.01E-05
1020	ALL	362849.3	3766633	NonCancerChronicDerived_Inh	3.99E-05
422	ALL	362924.3	3766258	NonCancerChronicDerived_Inh	3.98E-05
623	ALL	362824.3	3766383	NonCancerChronicDerived_Inh	3.98E-05
437	ALL	363299.3	3766258	NonCancerChronicDerived_Inh	3.97E-05
351	ALL	363199.3	3766208	NonCancerChronicDerived_Inh	3.97E-05
563	ALL	363374.3	3766333	NonCancerChronicDerived_Inh	3.97E-05
542	ALL	362849.3	3766333	NonCancerChronicDerived_Inh	3.97E-05
937	ALL	362824.3	3766583	NonCancerChronicDerived_Inh	3.96E-05
1625	ALL	363624.3	3766983	NonCancerChronicDerived_Inh	3.95E-05
1317	ALL	363099.3	3766808	NonCancerChronicDerived_Inh	3.92E-05
1051	ALL	363624.3	3766633	NonCancerChronicDerived_Inh	3.92E-05
1617	ALL	363424.3	3766983	NonCancerChronicDerived_Inh	3.91E-05
1146	ALL	362924.3	3766708	NonCancerChronicDerived_Inh	3.90E-05
344	ALL	363024.3	3766208	NonCancerChronicDerived_Inh	3.90E-05
688	ALL	363424.3	3766408	NonCancerChronicDerived_Inh	3.88E-05
1530	ALL	363299.3	3766933	NonCancerChronicDerived_Inh	3.87E-05
1274	ALL	363049.3	3766783	NonCancerChronicDerived_Inh	3.86E-05
1573	ALL	363349.3	3766958	NonCancerChronicDerived_Inh	3.86E-05
1402	ALL	363174.3	3766858	NonCancerChronicDerived_Inh	3.84E-05
1231	ALL	362999.3	3766758	NonCancerChronicDerived_Inh	3.84E-05
783	ALL	362799.3	3766483	NonCancerChronicDerived_Inh	3.81E-05
1626	ALL	363649.3	3766983	NonCancerChronicDerived_Inh	3.81E-05
744	ALL	362799.3	3766458	NonCancerChronicDerived_Inh	3.79E-05
1487	ALL	363249.3	3766908	NonCancerChronicDerived_Inh	3.79E-05
1664	ALL	363574.3	3767008	NonCancerChronicDerived_Inh	3.79E-05
382	ALL	362949.3	3766233	NonCancerChronicDerived_Inh	3.78E-05
820	ALL	362799.3	3766508	NonCancerChronicDerived_Inh	3.78E-05
1663	ALL	363549.3	3767008	NonCancerChronicDerived_Inh	3.78E-05
395	ALL	363274.3	3766233	NonCancerChronicDerived_Inh	3.78E-05
1093	ALL	363649.3	3766658	NonCancerChronicDerived_Inh	3.77E-05
605	ALL	363399.3	3766358	NonCancerChronicDerived_Inh	3.77E-05
352	ALL	363224.3	3766208	NonCancerChronicDerived_Inh	3.76E-05
582	ALL	362824.3	3766358	NonCancerChronicDerived_Inh	3.75E-05
1662	ALL	363524.3	3767008	NonCancerChronicDerived_Inh	3.75E-05
1665	ALL	363599.3	3767008	NonCancerChronicDerived_Inh	3.74E-05
1616	ALL	363399.3	3766983	NonCancerChronicDerived_Inh	3.74E-05
704	ALL	362799.3	3766433	NonCancerChronicDerived_Inh	3.73E-05
978	ALL	362824.3	3766608	NonCancerChronicDerived_Inh	3.72E-05
343	ALL	362999.3	3766208	NonCancerChronicDerived_Inh	3.72E-05
1661	ALL	363499.3	3767008	NonCancerChronicDerived_Inh	3.71E-05
1188	ALL	362949.3	3766733	NonCancerChronicDerived_Inh	3.70E-05
858	ALL	362799.3	3766533	NonCancerChronicDerived_Inh	3.70E-05
461	ALL	362874.3	3766283	NonCancerChronicDerived_Inh	3.69E-05
1666	ALL	363624.3	3767008	NonCancerChronicDerived_Inh	3.65E-05
729	ALL	363449.3	3766433	NonCancerChronicDerived_Inh	3.65E-05
1061	ALL	362849.3	3766658	NonCancerChronicDerived_Inh	3.65E-05
501	ALL	362849.3	3766308	NonCancerChronicDerived_Inh	3.64E-05
1660	ALL	363474.3	3767008	NonCancerChronicDerived_Inh	3.64E-05
421	ALL	362899.3	3766258	NonCancerChronicDerived_Inh	3.64E-05
1359	ALL	363124.3	3766833	NonCancerChronicDerived_Inh	3.63E-05
663	ALL	362799.3	3766408	NonCancerChronicDerived_Inh	3.62E-05
307	ALL	363124.3	3766183	NonCancerChronicDerived_Inh	3.61E-05
1444	ALL	363199.3	3766883	NonCancerChronicDerived_Inh	3.60E-05
306	ALL	363099.3	3766183	NonCancerChronicDerived_Inh	3.60E-05
480	ALL	363349.3	3766283	NonCancerChronicDerived_Inh	3.58E-05

896	ALL	362799.3	3766558	NonCancerChronicDerived_Inh	3.57E-05
1572	ALL	363324.3	3766958	NonCancerChronicDerived_Inh	3.57E-05
308	ALL	363149.3	3766183	NonCancerChronicDerived_Inh	3.57E-05
1667	ALL	363649.3	3767008	NonCancerChronicDerived_Inh	3.55E-05
1316	ALL	363074.3	3766808	NonCancerChronicDerived_Inh	3.55E-05
305	ALL	363074.3	3766183	NonCancerChronicDerived_Inh	3.54E-05
438	ALL	363324.3	3766258	NonCancerChronicDerived_Inh	3.54E-05
1659	ALL	363449.3	3767008	NonCancerChronicDerived_Inh	3.54E-05
522	ALL	363374.3	3766308	NonCancerChronicDerived_Inh	3.54E-05
1615	ALL	363374.3	3766983	NonCancerChronicDerived_Inh	3.53E-05
926	ALL	363574.3	3766558	NonCancerChronicDerived_Inh	3.53E-05
647	ALL	363424.3	3766383	NonCancerChronicDerived_Inh	3.53E-05
1529	ALL	363274.3	3766933	NonCancerChronicDerived_Inh	3.53E-05
1273	ALL	363024.3	3766783	NonCancerChronicDerived_Inh	3.52E-05
769	ALL	363474.3	3766458	NonCancerChronicDerived_Inh	3.52E-05
885	ALL	363549.3	3766533	NonCancerChronicDerived_Inh	3.52E-05
1103	ALL	362874.3	3766683	NonCancerChronicDerived_Inh	3.52E-05
968	ALL	363599.3	3766583	NonCancerChronicDerived_Inh	3.51E-05
342	ALL	362974.3	3766208	NonCancerChronicDerived_Inh	3.51E-05
353	ALL	363249.3	3766208	NonCancerChronicDerived_Inh	3.51E-05
541	ALL	362824.3	3766333	NonCancerChronicDerived_Inh	3.51E-05
381	ALL	362924.3	3766233	NonCancerChronicDerived_Inh	3.50E-05
846	ALL	363524.3	3766508	NonCancerChronicDerived_Inh	3.49E-05
309	ALL	363174.3	3766183	NonCancerChronicDerived_Inh	3.49E-05
807	ALL	363499.3	3766483	NonCancerChronicDerived_Inh	3.48E-05
1230	ALL	362974.3	3766758	NonCancerChronicDerived_Inh	3.48E-05
622	ALL	362799.3	3766383	NonCancerChronicDerived_Inh	3.47E-05
1019	ALL	362824.3	3766633	NonCancerChronicDerived_Inh	3.47E-05
1145	ALL	362899.3	3766708	NonCancerChronicDerived_Inh	3.47E-05
1010	ALL	363624.3	3766608	NonCancerChronicDerived_Inh	3.47E-05
304	ALL	363049.3	3766183	NonCancerChronicDerived_Inh	3.46E-05
396	ALL	363299.3	3766233	NonCancerChronicDerived_Inh	3.43E-05
936	ALL	362799.3	3766583	NonCancerChronicDerived_Inh	3.42E-05
1401	ALL	363149.3	3766858	NonCancerChronicDerived_Inh	3.41E-05
564	ALL	363399.3	3766333	NonCancerChronicDerived_Inh	3.41E-05
1658	ALL	363424.3	3767008	NonCancerChronicDerived_Inh	3.40E-05
1486	ALL	363224.3	3766908	NonCancerChronicDerived_Inh	3.40E-05
1052	ALL	363649.3	3766633	NonCancerChronicDerived_Inh	3.39E-05
310	ALL	363199.3	3766183	NonCancerChronicDerived_Inh	3.37E-05
303	ALL	363024.3	3766183	NonCancerChronicDerived_Inh	3.34E-05
1187	ALL	362924.3	3766733	NonCancerChronicDerived_Inh	3.33E-05
460	ALL	362849.3	3766283	NonCancerChronicDerived_Inh	3.32E-05
420	ALL	362874.3	3766258	NonCancerChronicDerived_Inh	3.32E-05
1614	ALL	363349.3	3766983	NonCancerChronicDerived_Inh	3.30E-05
581	ALL	362799.3	3766358	NonCancerChronicDerived_Inh	3.30E-05
341	ALL	362949.3	3766208	NonCancerChronicDerived_Inh	3.30E-05
782	ALL	362774.3	3766483	NonCancerChronicDerived_Inh	3.29E-05
689	ALL	363449.3	3766408	NonCancerChronicDerived_Inh	3.29E-05
743	ALL	362774.3	3766458	NonCancerChronicDerived_Inh	3.28E-05
1571	ALL	363299.3	3766958	NonCancerChronicDerived_Inh	3.28E-05
1358	ALL	363099.3	3766833	NonCancerChronicDerived_Inh	3.28E-05
819	ALL	362774.3	3766508	NonCancerChronicDerived_Inh	3.26E-05
500	ALL	362824.3	3766308	NonCancerChronicDerived_Inh	3.25E-05
354	ALL	363274.3	3766208	NonCancerChronicDerived_Inh	3.25E-05
1315	ALL	363049.3	3766808	NonCancerChronicDerived_Inh	3.24E-05
703	ALL	362774.3	3766433	NonCancerChronicDerived_Inh	3.24E-05
1657	ALL	363399.3	3767008	NonCancerChronicDerived_Inh	3.24E-05
977	ALL	362799.3	3766608	NonCancerChronicDerived_Inh	3.24E-05
380	ALL	362899.3	3766233	NonCancerChronicDerived_Inh	3.23E-05
606	ALL	363424.3	3766358	NonCancerChronicDerived_Inh	3.23E-05
1443	ALL	363174.3	3766883	NonCancerChronicDerived_Inh	3.22E-05
1272	ALL	362999.3	3766783	NonCancerChronicDerived_Inh	3.22E-05
302	ALL	362999.3	3766183	NonCancerChronicDerived_Inh	3.21E-05
311	ALL	363224.3	3766183	NonCancerChronicDerived_Inh	3.21E-05
1528	ALL	363249.3	3766933	NonCancerChronicDerived_Inh	3.20E-05
857	ALL	362774.3	3766533	NonCancerChronicDerived_Inh	3.20E-05
1060	ALL	362824.3	3766658	NonCancerChronicDerived_Inh	3.20E-05
662	ALL	362774.3	3766408	NonCancerChronicDerived_Inh	3.16E-05
439	ALL	363349.3	3766258	NonCancerChronicDerived_Inh	3.15E-05
481	ALL	363374.3	3766283	NonCancerChronicDerived_Inh	3.15E-05
1229	ALL	362949.3	3766758	NonCancerChronicDerived_Inh	3.13E-05
730	ALL	363474.3	3766433	NonCancerChronicDerived_Inh	3.12E-05
540	ALL	362799.3	3766333	NonCancerChronicDerived_Inh	3.11E-05
1102	ALL	362849.3	3766683	NonCancerChronicDerived_Inh	3.10E-05
895	ALL	362774.3	3766558	NonCancerChronicDerived_Inh	3.10E-05
397	ALL	363324.3	3766233	NonCancerChronicDerived_Inh	3.10E-05
340	ALL	362924.3	3766208	NonCancerChronicDerived_Inh	3.09E-05
1144	ALL	362874.3	3766708	NonCancerChronicDerived_Inh	3.08E-05
523	ALL	363399.3	3766308	NonCancerChronicDerived_Inh	3.08E-05
266	ALL	363124.3	3766158	NonCancerChronicDerived_Inh	3.08E-05
265	ALL	363099.3	3766158	NonCancerChronicDerived_Inh	3.07E-05
1400	ALL	363124.3	3766858	NonCancerChronicDerived_Inh	3.06E-05
1613	ALL	363324.3	3766983	NonCancerChronicDerived_Inh	3.06E-05

301	ALL	362974.3	3766183	NonCancerChronicDerived_Inh	3.06E-05
621	ALL	362774.3	3766383	NonCancerChronicDerived_Inh	3.05E-05
1656	ALL	363374.3	3767008	NonCancerChronicDerived_Inh	3.05E-05
267	ALL	363149.3	3766158	NonCancerChronicDerived_Inh	3.05E-05
1485	ALL	363199.3	3766908	NonCancerChronicDerived_Inh	3.04E-05
1018	ALL	362799.3	3766633	NonCancerChronicDerived_Inh	3.04E-05
264	ALL	363074.3	3766158	NonCancerChronicDerived_Inh	3.04E-05
927	ALL	363599.3	3766558	NonCancerChronicDerived_Inh	3.03E-05
969	ALL	363624.3	3766583	NonCancerChronicDerived_Inh	3.03E-05
419	ALL	362849.3	3766258	NonCancerChronicDerived_Inh	3.02E-05
648	ALL	363449.3	3766383	NonCancerChronicDerived_Inh	3.02E-05
312	ALL	363249.3	3766183	NonCancerChronicDerived_Inh	3.02E-05
770	ALL	363499.3	3766458	NonCancerChronicDerived_Inh	3.02E-05
886	ALL	363574.3	3766533	NonCancerChronicDerived_Inh	3.02E-05
1186	ALL	362899.3	3766733	NonCancerChronicDerived_Inh	3.00E-05
1011	ALL	363649.3	3766608	NonCancerChronicDerived_Inh	3.00E-05
459	ALL	362824.3	3766283	NonCancerChronicDerived_Inh	3.00E-05
1570	ALL	363274.3	3766958	NonCancerChronicDerived_Inh	3.00E-05
847	ALL	363549.3	3766508	NonCancerChronicDerived_Inh	2.99E-05
1357	ALL	363074.3	3766833	NonCancerChronicDerived_Inh	2.99E-05
808	ALL	363524.3	3766483	NonCancerChronicDerived_Inh	2.99E-05
268	ALL	363174.3	3766158	NonCancerChronicDerived_Inh	2.98E-05
379	ALL	362874.3	3766233	NonCancerChronicDerived_Inh	2.98E-05
355	ALL	363299.3	3766208	NonCancerChronicDerived_Inh	2.98E-05
935	ALL	362774.3	3766583	NonCancerChronicDerived_Inh	2.98E-05
263	ALL	363049.3	3766158	NonCancerChronicDerived_Inh	2.98E-05
1314	ALL	363024.3	3766808	NonCancerChronicDerived_Inh	2.97E-05
565	ALL	363424.3	3766333	NonCancerChronicDerived_Inh	2.95E-05
1271	ALL	362974.3	3766783	NonCancerChronicDerived_Inh	2.94E-05
580	ALL	362774.3	3766358	NonCancerChronicDerived_Inh	2.92E-05
499	ALL	362799.3	3766308	NonCancerChronicDerived_Inh	2.91E-05
300	ALL	362949.3	3766183	NonCancerChronicDerived_Inh	2.90E-05
262	ALL	363024.3	3766158	NonCancerChronicDerived_Inh	2.89E-05
269	ALL	363199.3	3766158	NonCancerChronicDerived_Inh	2.89E-05
1442	ALL	363149.3	3766883	NonCancerChronicDerived_Inh	2.88E-05
1527	ALL	363224.3	3766933	NonCancerChronicDerived_Inh	2.88E-05
339	ALL	362899.3	3766208	NonCancerChronicDerived_Inh	2.88E-05
781	ALL	362749.3	3766483	NonCancerChronicDerived_Inh	2.87E-05
742	ALL	362749.3	3766458	NonCancerChronicDerived_Inh	2.87E-05
1228	ALL	362924.3	3766758	NonCancerChronicDerived_Inh	2.86E-05
1655	ALL	363349.3	3767008	NonCancerChronicDerived_Inh	2.85E-05
818	ALL	362749.3	3766508	NonCancerChronicDerived_Inh	2.84E-05
702	ALL	362749.3	3766433	NonCancerChronicDerived_Inh	2.84E-05
976	ALL	362774.3	3766608	NonCancerChronicDerived_Inh	2.83E-05
1059	ALL	362799.3	3766658	NonCancerChronicDerived_Inh	2.83E-05
690	ALL	363474.3	3766408	NonCancerChronicDerived_Inh	2.83E-05
313	ALL	363274.3	3766183	NonCancerChronicDerived_Inh	2.82E-05
1612	ALL	363299.3	3766983	NonCancerChronicDerived_Inh	2.82E-05
440	ALL	363374.3	3766258	NonCancerChronicDerived_Inh	2.81E-05
261	ALL	362999.3	3766158	NonCancerChronicDerived_Inh	2.79E-05
856	ALL	362749.3	3766533	NonCancerChronicDerived_Inh	2.79E-05
398	ALL	363349.3	3766233	NonCancerChronicDerived_Inh	2.79E-05
607	ALL	363449.3	3766358	NonCancerChronicDerived_Inh	2.78E-05
661	ALL	362749.3	3766408	NonCancerChronicDerived_Inh	2.78E-05
1399	ALL	363099.3	3766858	NonCancerChronicDerived_Inh	2.78E-05
539	ALL	362774.3	3766333	NonCancerChronicDerived_Inh	2.77E-05
482	ALL	363399.3	3766283	NonCancerChronicDerived_Inh	2.77E-05
270	ALL	363224.3	3766158	NonCancerChronicDerived_Inh	2.77E-05
1101	ALL	362824.3	3766683	NonCancerChronicDerived_Inh	2.75E-05
418	ALL	362824.3	3766258	NonCancerChronicDerived_Inh	2.75E-05
1143	ALL	362849.3	3766708	NonCancerChronicDerived_Inh	2.75E-05
1356	ALL	363049.3	3766833	NonCancerChronicDerived_Inh	2.75E-05
378	ALL	362849.3	3766233	NonCancerChronicDerived_Inh	2.74E-05
299	ALL	362924.3	3766183	NonCancerChronicDerived_Inh	2.73E-05
1313	ALL	362999.3	3766808	NonCancerChronicDerived_Inh	2.73E-05
1484	ALL	363174.3	3766908	NonCancerChronicDerived_Inh	2.73E-05
1569	ALL	363249.3	3766958	NonCancerChronicDerived_Inh	2.72E-05
356	ALL	363324.3	3766208	NonCancerChronicDerived_Inh	2.72E-05
894	ALL	362749.3	3766558	NonCancerChronicDerived_Inh	2.71E-05
458	ALL	362799.3	3766283	NonCancerChronicDerived_Inh	2.71E-05
1185	ALL	362874.3	3766733	NonCancerChronicDerived_Inh	2.70E-05
620	ALL	362749.3	3766383	NonCancerChronicDerived_Inh	2.70E-05
1270	ALL	362949.3	3766783	NonCancerChronicDerived_Inh	2.69E-05
731	ALL	363499.3	3766433	NonCancerChronicDerived_Inh	2.69E-05
524	ALL	363424.3	3766308	NonCancerChronicDerived_Inh	2.69E-05
1017	ALL	362774.3	3766633	NonCancerChronicDerived_Inh	2.68E-05
260	ALL	362974.3	3766158	NonCancerChronicDerived_Inh	2.68E-05
338	ALL	362874.3	3766208	NonCancerChronicDerived_Inh	2.68E-05
225	ALL	363124.3	3766133	NonCancerChronicDerived_Inh	2.65E-05
224	ALL	363099.3	3766133	NonCancerChronicDerived_Inh	2.65E-05
1654	ALL	363324.3	3767008	NonCancerChronicDerived_Inh	2.64E-05
223	ALL	363074.3	3766133	NonCancerChronicDerived_Inh	2.63E-05
226	ALL	363149.3	3766133	NonCancerChronicDerived_Inh	2.63E-05

970	ALL	363649.3	3766583	NonCancerChronicDerived_Inh	2.63E-05
928	ALL	363624.3	3766558	NonCancerChronicDerived_Inh	2.63E-05
271	ALL	363249.3	3766158	NonCancerChronicDerived_Inh	2.62E-05
498	ALL	362774.3	3766308	NonCancerChronicDerived_Inh	2.62E-05
1227	ALL	362899.3	3766758	NonCancerChronicDerived_Inh	2.61E-05
771	ALL	363524.3	3766458	NonCancerChronicDerived_Inh	2.61E-05
934	ALL	362749.3	3766583	NonCancerChronicDerived_Inh	2.61E-05
887	ALL	363599.3	3766533	NonCancerChronicDerived_Inh	2.61E-05
649	ALL	363474.3	3766383	NonCancerChronicDerived_Inh	2.61E-05
1441	ALL	363124.3	3766883	NonCancerChronicDerived_Inh	2.61E-05
314	ALL	363299.3	3766183	NonCancerChronicDerived_Inh	2.61E-05
579	ALL	362749.3	3766358	NonCancerChronicDerived_Inh	2.60E-05
848	ALL	363574.3	3766508	NonCancerChronicDerived_Inh	2.59E-05
1526	ALL	363199.3	3766933	NonCancerChronicDerived_Inh	2.59E-05
809	ALL	363549.3	3766483	NonCancerChronicDerived_Inh	2.59E-05
222	ALL	363049.3	3766133	NonCancerChronicDerived_Inh	2.59E-05
227	ALL	363174.3	3766133	NonCancerChronicDerived_Inh	2.58E-05
1611	ALL	363274.3	3766983	NonCancerChronicDerived_Inh	2.57E-05
298	ALL	362899.3	3766183	NonCancerChronicDerived_Inh	2.57E-05
566	ALL	363449.3	3766333	NonCancerChronicDerived_Inh	2.57E-05
259	ALL	362949.3	3766158	NonCancerChronicDerived_Inh	2.55E-05
1398	ALL	363074.3	3766858	NonCancerChronicDerived_Inh	2.55E-05
1355	ALL	363024.3	3766833	NonCancerChronicDerived_Inh	2.53E-05
741	ALL	362724.3	3766458	NonCancerChronicDerived_Inh	2.53E-05
780	ALL	362724.3	3766483	NonCancerChronicDerived_Inh	2.53E-05
221	ALL	363024.3	3766133	NonCancerChronicDerived_Inh	2.52E-05
1312	ALL	362974.3	3766808	NonCancerChronicDerived_Inh	2.52E-05
377	ALL	362824.3	3766233	NonCancerChronicDerived_Inh	2.52E-05
1058	ALL	362774.3	3766658	NonCancerChronicDerived_Inh	2.52E-05
417	ALL	362799.3	3766258	NonCancerChronicDerived_Inh	2.51E-05
399	ALL	363374.3	3766233	NonCancerChronicDerived_Inh	2.51E-05
701	ALL	362724.3	3766433	NonCancerChronicDerived_Inh	2.51E-05
228	ALL	363199.3	3766133	NonCancerChronicDerived_Inh	2.50E-05
441	ALL	363399.3	3766258	NonCancerChronicDerived_Inh	2.50E-05
975	ALL	362749.3	3766608	NonCancerChronicDerived_Inh	2.50E-05
817	ALL	362724.3	3766508	NonCancerChronicDerived_Inh	2.50E-05
538	ALL	362749.3	3766333	NonCancerChronicDerived_Inh	2.48E-05
337	ALL	362849.3	3766208	NonCancerChronicDerived_Inh	2.48E-05
1269	ALL	362924.3	3766783	NonCancerChronicDerived_Inh	2.48E-05
1100	ALL	362799.3	3766683	NonCancerChronicDerived_Inh	2.48E-05
357	ALL	363349.3	3766208	NonCancerChronicDerived_Inh	2.47E-05
1568	ALL	363224.3	3766958	NonCancerChronicDerived_Inh	2.47E-05
1483	ALL	363149.3	3766908	NonCancerChronicDerived_Inh	2.46E-05
272	ALL	363274.3	3766158	NonCancerChronicDerived_Inh	2.46E-05
660	ALL	362724.3	3766408	NonCancerChronicDerived_Inh	2.46E-05
1142	ALL	362824.3	3766708	NonCancerChronicDerived_Inh	2.46E-05
691	ALL	363499.3	3766408	NonCancerChronicDerived_Inh	2.46E-05
855	ALL	362724.3	3766533	NonCancerChronicDerived_Inh	2.45E-05
457	ALL	362774.3	3766283	NonCancerChronicDerived_Inh	2.45E-05
483	ALL	363424.3	3766283	NonCancerChronicDerived_Inh	2.45E-05
220	ALL	362999.3	3766133	NonCancerChronicDerived_Inh	2.45E-05
1653	ALL	363299.3	3767008	NonCancerChronicDerived_Inh	2.44E-05
1184	ALL	362849.3	3766733	NonCancerChronicDerived_Inh	2.43E-05
258	ALL	362924.3	3766158	NonCancerChronicDerived_Inh	2.43E-05
608	ALL	363474.3	3766358	NonCancerChronicDerived_Inh	2.42E-05
229	ALL	363224.3	3766133	NonCancerChronicDerived_Inh	2.41E-05
297	ALL	362874.3	3766183	NonCancerChronicDerived_Inh	2.41E-05
315	ALL	363324.3	3766183	NonCancerChronicDerived_Inh	2.40E-05
619	ALL	362724.3	3766383	NonCancerChronicDerived_Inh	2.40E-05
893	ALL	362724.3	3766558	NonCancerChronicDerived_Inh	2.39E-05
1440	ALL	363099.3	3766883	NonCancerChronicDerived_Inh	2.38E-05
1016	ALL	362749.3	3766633	NonCancerChronicDerived_Inh	2.38E-05
1226	ALL	362874.3	3766758	NonCancerChronicDerived_Inh	2.37E-05
525	ALL	363449.3	3766308	NonCancerChronicDerived_Inh	2.37E-05
219	ALL	362974.3	3766133	NonCancerChronicDerived_Inh	2.36E-05
497	ALL	362749.3	3766308	NonCancerChronicDerived_Inh	2.36E-05
1397	ALL	363049.3	3766858	NonCancerChronicDerived_Inh	2.35E-05
1610	ALL	363249.3	3766983	NonCancerChronicDerived_Inh	2.35E-05
732	ALL	363524.3	3766433	NonCancerChronicDerived_Inh	2.35E-05
1525	ALL	363174.3	3766933	NonCancerChronicDerived_Inh	2.34E-05
1354	ALL	362999.3	3766833	NonCancerChronicDerived_Inh	2.34E-05
578	ALL	362724.3	3766358	NonCancerChronicDerived_Inh	2.32E-05
1311	ALL	362949.3	3766808	NonCancerChronicDerived_Inh	2.32E-05
376	ALL	362799.3	3766233	NonCancerChronicDerived_Inh	2.32E-05
183	ALL	363099.3	3766108	NonCancerChronicDerived_Inh	2.31E-05
933	ALL	362724.3	3766583	NonCancerChronicDerived_Inh	2.31E-05
184	ALL	363124.3	3766108	NonCancerChronicDerived_Inh	2.31E-05
336	ALL	362824.3	3766208	NonCancerChronicDerived_Inh	2.30E-05
273	ALL	363299.3	3766158	NonCancerChronicDerived_Inh	2.30E-05
257	ALL	362899.3	3766158	NonCancerChronicDerived_Inh	2.30E-05
182	ALL	363074.3	3766108	NonCancerChronicDerived_Inh	2.30E-05
230	ALL	363249.3	3766133	NonCancerChronicDerived_Inh	2.30E-05
929	ALL	363649.3	3766558	NonCancerChronicDerived_Inh	2.29E-05

185	ALL	363149.3	3766108	NonCancerChronicDerived_Inh	2.29E-05
416	ALL	362774.3	3766258	NonCancerChronicDerived_Inh	2.29E-05
772	ALL	363549.3	3766458	NonCancerChronicDerived_Inh	2.28E-05
1268	ALL	362899.3	3766783	NonCancerChronicDerived_Inh	2.28E-05
888	ALL	363624.3	3766533	NonCancerChronicDerived_Inh	2.28E-05
650	ALL	363499.3	3766383	NonCancerChronicDerived_Inh	2.28E-05
181	ALL	363049.3	3766108	NonCancerChronicDerived_Inh	2.27E-05
218	ALL	362949.3	3766133	NonCancerChronicDerived_Inh	2.27E-05
849	ALL	363599.3	3766508	NonCancerChronicDerived_Inh	2.26E-05
810	ALL	363574.3	3766483	NonCancerChronicDerived_Inh	2.26E-05
400	ALL	363399.3	3766233	NonCancerChronicDerived_Inh	2.26E-05
567	ALL	363474.3	3766333	NonCancerChronicDerived_Inh	2.25E-05
296	ALL	362849.3	3766183	NonCancerChronicDerived_Inh	2.25E-05
186	ALL	363174.3	3766108	NonCancerChronicDerived_Inh	2.25E-05
358	ALL	363374.3	3766208	NonCancerChronicDerived_Inh	2.25E-05
1057	ALL	362749.3	3766658	NonCancerChronicDerived_Inh	2.25E-05
740	ALL	362699.3	3766458	NonCancerChronicDerived_Inh	2.24E-05
1482	ALL	363124.3	3766908	NonCancerChronicDerived_Inh	2.24E-05
779	ALL	362699.3	3766483	NonCancerChronicDerived_Inh	2.24E-05
537	ALL	362724.3	3766333	NonCancerChronicDerived_Inh	2.23E-05
442	ALL	363424.3	3766258	NonCancerChronicDerived_Inh	2.23E-05
1652	ALL	363274.3	3767008	NonCancerChronicDerived_Inh	2.23E-05
1567	ALL	363199.3	3766958	NonCancerChronicDerived_Inh	2.23E-05
700	ALL	362699.3	3766433	NonCancerChronicDerived_Inh	2.23E-05
456	ALL	362749.3	3766283	NonCancerChronicDerived_Inh	2.23E-05
974	ALL	362724.3	3766608	NonCancerChronicDerived_Inh	2.22E-05
180	ALL	363024.3	3766108	NonCancerChronicDerived_Inh	2.22E-05
816	ALL	362699.3	3766508	NonCancerChronicDerived_Inh	2.21E-05
1099	ALL	362774.3	3766683	NonCancerChronicDerived_Inh	2.21E-05
1141	ALL	362799.3	3766708	NonCancerChronicDerived_Inh	2.21E-05
316	ALL	363349.3	3766183	NonCancerChronicDerived_Inh	2.21E-05
659	ALL	362699.3	3766408	NonCancerChronicDerived_Inh	2.20E-05
1183	ALL	362824.3	3766733	NonCancerChronicDerived_Inh	2.19E-05
187	ALL	363199.3	3766108	NonCancerChronicDerived_Inh	2.19E-05
1439	ALL	363074.3	3766883	NonCancerChronicDerived_Inh	2.19E-05
854	ALL	362699.3	3766533	NonCancerChronicDerived_Inh	2.18E-05
484	ALL	363449.3	3766283	NonCancerChronicDerived_Inh	2.18E-05
1396	ALL	363024.3	3766858	NonCancerChronicDerived_Inh	2.18E-05
1353	ALL	362974.3	3766833	NonCancerChronicDerived_Inh	2.17E-05
231	ALL	363274.3	3766133	NonCancerChronicDerived_Inh	2.17E-05
256	ALL	362874.3	3766158	NonCancerChronicDerived_Inh	2.17E-05
217	ALL	362924.3	3766133	NonCancerChronicDerived_Inh	2.17E-05
179	ALL	362999.3	3766108	NonCancerChronicDerived_Inh	2.16E-05
1310	ALL	362924.3	3766808	NonCancerChronicDerived_Inh	2.15E-05
692	ALL	363524.3	3766408	NonCancerChronicDerived_Inh	2.15E-05
1225	ALL	362849.3	3766758	NonCancerChronicDerived_Inh	2.15E-05
618	ALL	362699.3	3766383	NonCancerChronicDerived_Inh	2.15E-05
274	ALL	363324.3	3766158	NonCancerChronicDerived_Inh	2.13E-05
496	ALL	362724.3	3766308	NonCancerChronicDerived_Inh	2.13E-05
1609	ALL	363224.3	3766983	NonCancerChronicDerived_Inh	2.13E-05
335	ALL	362799.3	3766208	NonCancerChronicDerived_Inh	2.13E-05
375	ALL	362774.3	3766233	NonCancerChronicDerived_Inh	2.13E-05
1524	ALL	363149.3	3766933	NonCancerChronicDerived_Inh	2.13E-05
609	ALL	363499.3	3766358	NonCancerChronicDerived_Inh	2.12E-05
892	ALL	362699.3	3766558	NonCancerChronicDerived_Inh	2.12E-05
1015	ALL	362724.3	3766633	NonCancerChronicDerived_Inh	2.12E-05
188	ALL	363224.3	3766108	NonCancerChronicDerived_Inh	2.12E-05
295	ALL	362824.3	3766183	NonCancerChronicDerived_Inh	2.10E-05
415	ALL	362749.3	3766258	NonCancerChronicDerived_Inh	2.09E-05
178	ALL	362974.3	3766108	NonCancerChronicDerived_Inh	2.09E-05
526	ALL	363474.3	3766308	NonCancerChronicDerived_Inh	2.09E-05
577	ALL	362699.3	3766358	NonCancerChronicDerived_Inh	2.09E-05
1267	ALL	362874.3	3766783	NonCancerChronicDerived_Inh	2.08E-05
216	ALL	362899.3	3766133	NonCancerChronicDerived_Inh	2.06E-05
733	ALL	363549.3	3766433	NonCancerChronicDerived_Inh	2.06E-05
932	ALL	362699.3	3766583	NonCancerChronicDerived_Inh	2.06E-05
1481	ALL	363099.3	3766908	NonCancerChronicDerived_Inh	2.06E-05
255	ALL	362849.3	3766158	NonCancerChronicDerived_Inh	2.04E-05
359	ALL	363399.3	3766208	NonCancerChronicDerived_Inh	2.04E-05
1651	ALL	363249.3	3767008	NonCancerChronicDerived_Inh	2.04E-05
232	ALL	363299.3	3766133	NonCancerChronicDerived_Inh	2.04E-05
401	ALL	363424.3	3766233	NonCancerChronicDerived_Inh	2.03E-05
142	ALL	363099.3	3766083	NonCancerChronicDerived_Inh	2.03E-05
143	ALL	363124.3	3766083	NonCancerChronicDerived_Inh	2.03E-05
455	ALL	362724.3	3766283	NonCancerChronicDerived_Inh	2.03E-05
189	ALL	363249.3	3766108	NonCancerChronicDerived_Inh	2.03E-05
1566	ALL	363174.3	3766958	NonCancerChronicDerived_Inh	2.03E-05
1395	ALL	362999.3	3766858	NonCancerChronicDerived_Inh	2.03E-05
1438	ALL	363049.3	3766883	NonCancerChronicDerived_Inh	2.03E-05
141	ALL	363074.3	3766083	NonCancerChronicDerived_Inh	2.02E-05
317	ALL	363374.3	3766183	NonCancerChronicDerived_Inh	2.02E-05
177	ALL	362949.3	3766108	NonCancerChronicDerived_Inh	2.02E-05
536	ALL	362699.3	3766333	NonCancerChronicDerived_Inh	2.02E-05

1352	ALL	362949.3	3766833	NonCancerChronicDerived_Inh	2.02E-05
144	ALL	363149.3	3766083	NonCancerChronicDerived_Inh	2.01E-05
1056	ALL	362724.3	3766658	NonCancerChronicDerived_Inh	2.01E-05
773	ALL	363574.3	3766458	NonCancerChronicDerived_Inh	2.01E-05
889	ALL	363649.3	3766533	NonCancerChronicDerived_Inh	2.00E-05
739	ALL	362674.3	3766458	NonCancerChronicDerived_Inh	2.00E-05
651	ALL	363524.3	3766383	NonCancerChronicDerived_Inh	2.00E-05
140	ALL	363049.3	3766083	NonCancerChronicDerived_Inh	2.00E-05
443	ALL	363449.3	3766258	NonCancerChronicDerived_Inh	2.00E-05
778	ALL	362674.3	3766483	NonCancerChronicDerived_Inh	2.00E-05
699	ALL	362674.3	3766433	NonCancerChronicDerived_Inh	1.99E-05
850	ALL	363624.3	3766508	NonCancerChronicDerived_Inh	1.99E-05
811	ALL	363599.3	3766483	NonCancerChronicDerived_Inh	1.99E-05
1140	ALL	362774.3	3766708	NonCancerChronicDerived_Inh	1.99E-05
1309	ALL	362899.3	3766808	NonCancerChronicDerived_Inh	1.99E-05
568	ALL	363499.3	3766333	NonCancerChronicDerived_Inh	1.99E-05
1182	ALL	362799.3	3766733	NonCancerChronicDerived_Inh	1.98E-05
973	ALL	362699.3	3766608	NonCancerChronicDerived_Inh	1.98E-05
145	ALL	363174.3	3766083	NonCancerChronicDerived_Inh	1.98E-05
1098	ALL	362749.3	3766683	NonCancerChronicDerived_Inh	1.98E-05
815	ALL	362674.3	3766508	NonCancerChronicDerived_Inh	1.98E-05
275	ALL	363349.3	3766158	NonCancerChronicDerived_Inh	1.98E-05
334	ALL	362774.3	3766208	NonCancerChronicDerived_Inh	1.97E-05
658	ALL	362674.3	3766408	NonCancerChronicDerived_Inh	1.97E-05
139	ALL	363024.3	3766083	NonCancerChronicDerived_Inh	1.97E-05
294	ALL	362799.3	3766183	NonCancerChronicDerived_Inh	1.96E-05
374	ALL	362749.3	3766233	NonCancerChronicDerived_Inh	1.96E-05
215	ALL	362874.3	3766133	NonCancerChronicDerived_Inh	1.96E-05
1224	ALL	362824.3	3766758	NonCancerChronicDerived_Inh	1.96E-05
853	ALL	362674.3	3766533	NonCancerChronicDerived_Inh	1.94E-05
1523	ALL	363124.3	3766933	NonCancerChronicDerived_Inh	1.94E-05
176	ALL	362924.3	3766108	NonCancerChronicDerived_Inh	1.94E-05
485	ALL	363474.3	3766283	NonCancerChronicDerived_Inh	1.94E-05
1608	ALL	363199.3	3766983	NonCancerChronicDerived_Inh	1.94E-05
495	ALL	362699.3	3766308	NonCancerChronicDerived_Inh	1.94E-05
146	ALL	363199.3	3766083	NonCancerChronicDerived_Inh	1.94E-05
617	ALL	362674.3	3766383	NonCancerChronicDerived_Inh	1.93E-05
190	ALL	363274.3	3766108	NonCancerChronicDerived_Inh	1.93E-05
138	ALL	362999.3	3766083	NonCancerChronicDerived_Inh	1.92E-05
254	ALL	362824.3	3766158	NonCancerChronicDerived_Inh	1.92E-05
414	ALL	362724.3	3766258	NonCancerChronicDerived_Inh	1.92E-05
233	ALL	363324.3	3766133	NonCancerChronicDerived_Inh	1.91E-05
1266	ALL	362849.3	3766783	NonCancerChronicDerived_Inh	1.90E-05
1014	ALL	362699.3	3766633	NonCancerChronicDerived_Inh	1.90E-05
693	ALL	363549.3	3766408	NonCancerChronicDerived_Inh	1.90E-05
891	ALL	362674.3	3766558	NonCancerChronicDerived_Inh	1.90E-05
1480	ALL	363074.3	3766908	NonCancerChronicDerived_Inh	1.90E-05
576	ALL	362674.3	3766358	NonCancerChronicDerived_Inh	1.89E-05
1394	ALL	362974.3	3766858	NonCancerChronicDerived_Inh	1.89E-05
1437	ALL	363024.3	3766883	NonCancerChronicDerived_Inh	1.88E-05
610	ALL	363524.3	3766358	NonCancerChronicDerived_Inh	1.88E-05
147	ALL	363224.3	3766083	NonCancerChronicDerived_Inh	1.87E-05
1351	ALL	362924.3	3766833	NonCancerChronicDerived_Inh	1.87E-05
137	ALL	362974.3	3766083	NonCancerChronicDerived_Inh	1.87E-05
1650	ALL	363224.3	3767008	NonCancerChronicDerived_Inh	1.86E-05
527	ALL	363499.3	3766308	NonCancerChronicDerived_Inh	1.86E-05
175	ALL	362899.3	3766108	NonCancerChronicDerived_Inh	1.86E-05
214	ALL	362849.3	3766133	NonCancerChronicDerived_Inh	1.86E-05
360	ALL	363424.3	3766208	NonCancerChronicDerived_Inh	1.86E-05
454	ALL	362699.3	3766283	NonCancerChronicDerived_Inh	1.85E-05
318	ALL	363399.3	3766183	NonCancerChronicDerived_Inh	1.85E-05
1565	ALL	363149.3	3766958	NonCancerChronicDerived_Inh	1.85E-05
931	ALL	362674.3	3766583	NonCancerChronicDerived_Inh	1.85E-05
402	ALL	363449.3	3766233	NonCancerChronicDerived_Inh	1.84E-05
1308	ALL	362874.3	3766808	NonCancerChronicDerived_Inh	1.83E-05
535	ALL	362674.3	3766333	NonCancerChronicDerived_Inh	1.83E-05
333	ALL	362749.3	3766208	NonCancerChronicDerived_Inh	1.83E-05
293	ALL	362774.3	3766183	NonCancerChronicDerived_Inh	1.83E-05
734	ALL	363574.3	3766433	NonCancerChronicDerived_Inh	1.83E-05
276	ALL	363374.3	3766158	NonCancerChronicDerived_Inh	1.82E-05
191	ALL	363299.3	3766108	NonCancerChronicDerived_Inh	1.82E-05
136	ALL	362949.3	3766083	NonCancerChronicDerived_Inh	1.81E-05
373	ALL	362724.3	3766233	NonCancerChronicDerived_Inh	1.81E-05
101	ALL	363099.3	3766058	NonCancerChronicDerived_Inh	1.80E-05
253	ALL	362799.3	3766158	NonCancerChronicDerived_Inh	1.80E-05
148	ALL	363249.3	3766083	NonCancerChronicDerived_Inh	1.80E-05
1139	ALL	362749.3	3766708	NonCancerChronicDerived_Inh	1.80E-05
102	ALL	363124.3	3766058	NonCancerChronicDerived_Inh	1.80E-05
738	ALL	362649.3	3766458	NonCancerChronicDerived_Inh	1.80E-05
1181	ALL	362774.3	3766733	NonCancerChronicDerived_Inh	1.80E-05
100	ALL	363074.3	3766058	NonCancerChronicDerived_Inh	1.80E-05
444	ALL	363474.3	3766258	NonCancerChronicDerived_Inh	1.80E-05
698	ALL	362649.3	3766433	NonCancerChronicDerived_Inh	1.79E-05

777	ALL	362649.3	3766483	NonCancerChronicDerived_Inh	1.79E-05
1522	ALL	363099.3	3766933	NonCancerChronicDerived_Inh	1.79E-05
1055	ALL	362699.3	3766658	NonCancerChronicDerived_Inh	1.79E-05
1223	ALL	362799.3	3766758	NonCancerChronicDerived_Inh	1.79E-05
103	ALL	363149.3	3766058	NonCancerChronicDerived_Inh	1.79E-05
774	ALL	363599.3	3766458	NonCancerChronicDerived_Inh	1.78E-05
972	ALL	362674.3	3766608	NonCancerChronicDerived_Inh	1.78E-05
1097	ALL	362724.3	3766683	NonCancerChronicDerived_Inh	1.78E-05
99	ALL	363049.3	3766058	NonCancerChronicDerived_Inh	1.78E-05
234	ALL	363349.3	3766133	NonCancerChronicDerived_Inh	1.78E-05
657	ALL	362649.3	3766408	NonCancerChronicDerived_Inh	1.78E-05
652	ALL	363549.3	3766383	NonCancerChronicDerived_Inh	1.77E-05
814	ALL	362649.3	3766508	NonCancerChronicDerived_Inh	1.77E-05
174	ALL	362874.3	3766108	NonCancerChronicDerived_Inh	1.77E-05
1607	ALL	363174.3	3766983	NonCancerChronicDerived_Inh	1.77E-05
494	ALL	362674.3	3766308	NonCancerChronicDerived_Inh	1.77E-05
569	ALL	363524.3	3766333	NonCancerChronicDerived_Inh	1.77E-05
812	ALL	363624.3	3766483	NonCancerChronicDerived_Inh	1.76E-05
851	ALL	363649.3	3766508	NonCancerChronicDerived_Inh	1.76E-05
1479	ALL	363049.3	3766908	NonCancerChronicDerived_Inh	1.76E-05
1436	ALL	362999.3	3766883	NonCancerChronicDerived_Inh	1.76E-05
413	ALL	362699.3	3766258	NonCancerChronicDerived_Inh	1.76E-05
1393	ALL	362949.3	3766858	NonCancerChronicDerived_Inh	1.76E-05
104	ALL	363174.3	3766058	NonCancerChronicDerived_Inh	1.76E-05
213	ALL	362824.3	3766133	NonCancerChronicDerived_Inh	1.76E-05
98	ALL	363024.3	3766058	NonCancerChronicDerived_Inh	1.75E-05
616	ALL	362649.3	3766383	NonCancerChronicDerived_Inh	1.75E-05
1265	ALL	362824.3	3766783	NonCancerChronicDerived_Inh	1.75E-05
135	ALL	362924.3	3766083	NonCancerChronicDerived_Inh	1.75E-05
852	ALL	362649.3	3766533	NonCancerChronicDerived_Inh	1.75E-05
1350	ALL	362899.3	3766833	NonCancerChronicDerived_Inh	1.74E-05
486	ALL	363499.3	3766283	NonCancerChronicDerived_Inh	1.74E-05
149	ALL	363274.3	3766083	NonCancerChronicDerived_Inh	1.72E-05
105	ALL	363199.3	3766058	NonCancerChronicDerived_Inh	1.72E-05
97	ALL	362999.3	3766058	NonCancerChronicDerived_Inh	1.72E-05
1013	ALL	362674.3	3766633	NonCancerChronicDerived_Inh	1.71E-05
192	ALL	363324.3	3766108	NonCancerChronicDerived_Inh	1.71E-05
575	ALL	362649.3	3766358	NonCancerChronicDerived_Inh	1.71E-05
890	ALL	362649.3	3766558	NonCancerChronicDerived_Inh	1.71E-05
292	ALL	362749.3	3766183	NonCancerChronicDerived_Inh	1.70E-05
1649	ALL	363199.3	3767008	NonCancerChronicDerived_Inh	1.70E-05
1564	ALL	363124.3	3766958	NonCancerChronicDerived_Inh	1.70E-05
332	ALL	362724.3	3766208	NonCancerChronicDerived_Inh	1.70E-05
453	ALL	362674.3	3766283	NonCancerChronicDerived_Inh	1.69E-05
319	ALL	363424.3	3766183	NonCancerChronicDerived_Inh	1.69E-05
252	ALL	362774.3	3766158	NonCancerChronicDerived_Inh	1.69E-05
1307	ALL	362849.3	3766808	NonCancerChronicDerived_Inh	1.69E-05
173	ALL	362849.3	3766108	NonCancerChronicDerived_Inh	1.69E-05
694	ALL	363574.3	3766408	NonCancerChronicDerived_Inh	1.69E-05
361	ALL	363449.3	3766208	NonCancerChronicDerived_Inh	1.69E-05
277	ALL	363399.3	3766158	NonCancerChronicDerived_Inh	1.68E-05
134	ALL	362899.3	3766083	NonCancerChronicDerived_Inh	1.68E-05
96	ALL	362974.3	3766058	NonCancerChronicDerived_Inh	1.68E-05
106	ALL	363224.3	3766058	NonCancerChronicDerived_Inh	1.67E-05
611	ALL	363549.3	3766358	NonCancerChronicDerived_Inh	1.67E-05
372	ALL	362699.3	3766233	NonCancerChronicDerived_Inh	1.67E-05
534	ALL	362649.3	3766333	NonCancerChronicDerived_Inh	1.67E-05
930	ALL	362649.3	3766583	NonCancerChronicDerived_Inh	1.66E-05
1521	ALL	363074.3	3766933	NonCancerChronicDerived_Inh	1.66E-05
403	ALL	363474.3	3766233	NonCancerChronicDerived_Inh	1.66E-05
528	ALL	363524.3	3766308	NonCancerChronicDerived_Inh	1.66E-05
212	ALL	362799.3	3766133	NonCancerChronicDerived_Inh	1.66E-05
235	ALL	363374.3	3766133	NonCancerChronicDerived_Inh	1.65E-05
1435	ALL	362974.3	3766883	NonCancerChronicDerived_Inh	1.65E-05
1478	ALL	363024.3	3766908	NonCancerChronicDerived_Inh	1.65E-05
1392	ALL	362924.3	3766858	NonCancerChronicDerived_Inh	1.64E-05
1180	ALL	362749.3	3766733	NonCancerChronicDerived_Inh	1.64E-05
150	ALL	363299.3	3766083	NonCancerChronicDerived_Inh	1.63E-05
1138	ALL	362724.3	3766708	NonCancerChronicDerived_Inh	1.63E-05
95	ALL	362949.3	3766058	NonCancerChronicDerived_Inh	1.63E-05
735	ALL	363599.3	3766433	NonCancerChronicDerived_Inh	1.63E-05
1222	ALL	362774.3	3766758	NonCancerChronicDerived_Inh	1.63E-05
1606	ALL	363149.3	3766983	NonCancerChronicDerived_Inh	1.62E-05
412	ALL	362674.3	3766258	NonCancerChronicDerived_Inh	1.62E-05
445	ALL	363499.3	3766258	NonCancerChronicDerived_Inh	1.62E-05
1349	ALL	362874.3	3766833	NonCancerChronicDerived_Inh	1.62E-05
493	ALL	362649.3	3766308	NonCancerChronicDerived_Inh	1.61E-05
107	ALL	363249.3	3766058	NonCancerChronicDerived_Inh	1.61E-05
133	ALL	362874.3	3766083	NonCancerChronicDerived_Inh	1.61E-05
60	ALL	363099.3	3766033	NonCancerChronicDerived_Inh	1.61E-05
971	ALL	362649.3	3766608	NonCancerChronicDerived_Inh	1.61E-05
172	ALL	362824.3	3766108	NonCancerChronicDerived_Inh	1.61E-05
59	ALL	363074.3	3766033	NonCancerChronicDerived_Inh	1.61E-05

61	ALL	363124.3	3766033	NonCancerChronicDerived_Inh	1.61E-05
193	ALL	363349.3	3766108	NonCancerChronicDerived_Inh	1.61E-05
1096	ALL	362699.3	3766683	NonCancerChronicDerived_Inh	1.60E-05
1264	ALL	362799.3	3766783	NonCancerChronicDerived_Inh	1.60E-05
58	ALL	363049.3	3766033	NonCancerChronicDerived_Inh	1.59E-05
62	ALL	363149.3	3766033	NonCancerChronicDerived_Inh	1.59E-05
1054	ALL	362674.3	3766658	NonCancerChronicDerived_Inh	1.59E-05
775	ALL	363624.3	3766458	NonCancerChronicDerived_Inh	1.59E-05
291	ALL	362724.3	3766183	NonCancerChronicDerived_Inh	1.59E-05
251	ALL	362749.3	3766158	NonCancerChronicDerived_Inh	1.59E-05
653	ALL	363574.3	3766383	NonCancerChronicDerived_Inh	1.58E-05
570	ALL	363549.3	3766333	NonCancerChronicDerived_Inh	1.58E-05
94	ALL	362924.3	3766058	NonCancerChronicDerived_Inh	1.58E-05
813	ALL	363649.3	3766483	NonCancerChronicDerived_Inh	1.57E-05
331	ALL	362699.3	3766208	NonCancerChronicDerived_Inh	1.57E-05
1563	ALL	363099.3	3766958	NonCancerChronicDerived_Inh	1.57E-05
57	ALL	363024.3	3766033	NonCancerChronicDerived_Inh	1.57E-05
63	ALL	363174.3	3766033	NonCancerChronicDerived_Inh	1.57E-05
211	ALL	362774.3	3766133	NonCancerChronicDerived_Inh	1.56E-05
487	ALL	363524.3	3766283	NonCancerChronicDerived_Inh	1.56E-05
1306	ALL	362824.3	3766808	NonCancerChronicDerived_Inh	1.56E-05
1648	ALL	363174.3	3767008	NonCancerChronicDerived_Inh	1.56E-05
452	ALL	362649.3	3766283	NonCancerChronicDerived_Inh	1.56E-05
1012	ALL	362649.3	3766633	NonCancerChronicDerived_Inh	1.55E-05
320	ALL	363449.3	3766183	NonCancerChronicDerived_Inh	1.55E-05
278	ALL	363424.3	3766158	NonCancerChronicDerived_Inh	1.55E-05
1520	ALL	363049.3	3766933	NonCancerChronicDerived_Inh	1.55E-05
108	ALL	363274.3	3766058	NonCancerChronicDerived_Inh	1.55E-05
151	ALL	363324.3	3766083	NonCancerChronicDerived_Inh	1.55E-05
56	ALL	362999.3	3766033	NonCancerChronicDerived_Inh	1.54E-05
1434	ALL	362949.3	3766883	NonCancerChronicDerived_Inh	1.54E-05
1477	ALL	362999.3	3766908	NonCancerChronicDerived_Inh	1.54E-05
132	ALL	362849.3	3766083	NonCancerChronicDerived_Inh	1.54E-05
371	ALL	362674.3	3766233	NonCancerChronicDerived_Inh	1.54E-05
64	ALL	363199.3	3766033	NonCancerChronicDerived_Inh	1.54E-05
362	ALL	363474.3	3766208	NonCancerChronicDerived_Inh	1.54E-05
1391	ALL	362899.3	3766858	NonCancerChronicDerived_Inh	1.54E-05
236	ALL	363399.3	3766133	NonCancerChronicDerived_Inh	1.53E-05
171	ALL	362799.3	3766108	NonCancerChronicDerived_Inh	1.53E-05
93	ALL	362899.3	3766058	NonCancerChronicDerived_Inh	1.52E-05
695	ALL	363599.3	3766408	NonCancerChronicDerived_Inh	1.51E-05
55	ALL	362974.3	3766033	NonCancerChronicDerived_Inh	1.51E-05
404	ALL	363499.3	3766233	NonCancerChronicDerived_Inh	1.51E-05
194	ALL	363374.3	3766108	NonCancerChronicDerived_Inh	1.50E-05
1348	ALL	362849.3	3766833	NonCancerChronicDerived_Inh	1.50E-05
65	ALL	363224.3	3766033	NonCancerChronicDerived_Inh	1.50E-05
1179	ALL	362724.3	3766733	NonCancerChronicDerived_Inh	1.50E-05
1605	ALL	363124.3	3766983	NonCancerChronicDerived_Inh	1.50E-05
612	ALL	363574.3	3766358	NonCancerChronicDerived_Inh	1.50E-05
411	ALL	362649.3	3766258	NonCancerChronicDerived_Inh	1.49E-05
1221	ALL	362749.3	3766758	NonCancerChronicDerived_Inh	1.49E-05
529	ALL	363549.3	3766308	NonCancerChronicDerived_Inh	1.49E-05
250	ALL	362724.3	3766158	NonCancerChronicDerived_Inh	1.49E-05
1137	ALL	362699.3	3766708	NonCancerChronicDerived_Inh	1.49E-05
290	ALL	362699.3	3766183	NonCancerChronicDerived_Inh	1.48E-05
1263	ALL	362774.3	3766783	NonCancerChronicDerived_Inh	1.48E-05
109	ALL	363299.3	3766058	NonCancerChronicDerived_Inh	1.47E-05
210	ALL	362749.3	3766133	NonCancerChronicDerived_Inh	1.47E-05
131	ALL	362824.3	3766083	NonCancerChronicDerived_Inh	1.47E-05
54	ALL	362949.3	3766033	NonCancerChronicDerived_Inh	1.47E-05
92	ALL	362874.3	3766058	NonCancerChronicDerived_Inh	1.47E-05
1562	ALL	363074.3	3766958	NonCancerChronicDerived_Inh	1.47E-05
446	ALL	363524.3	3766258	NonCancerChronicDerived_Inh	1.46E-05
330	ALL	362674.3	3766208	NonCancerChronicDerived_Inh	1.46E-05
736	ALL	363624.3	3766433	NonCancerChronicDerived_Inh	1.46E-05
152	ALL	363349.3	3766083	NonCancerChronicDerived_Inh	1.46E-05
1095	ALL	362674.3	3766683	NonCancerChronicDerived_Inh	1.45E-05
1476	ALL	362974.3	3766908	NonCancerChronicDerived_Inh	1.45E-05
66	ALL	363249.3	3766033	NonCancerChronicDerived_Inh	1.45E-05
1433	ALL	362924.3	3766883	NonCancerChronicDerived_Inh	1.45E-05
1519	ALL	363024.3	3766933	NonCancerChronicDerived_Inh	1.45E-05
19	ALL	363099.3	3766008	NonCancerChronicDerived_Inh	1.45E-05
170	ALL	362774.3	3766108	NonCancerChronicDerived_Inh	1.45E-05
18	ALL	363074.3	3766008	NonCancerChronicDerived_Inh	1.44E-05
20	ALL	363124.3	3766008	NonCancerChronicDerived_Inh	1.44E-05
1305	ALL	362799.3	3766808	NonCancerChronicDerived_Inh	1.44E-05
1647	ALL	363149.3	3767008	NonCancerChronicDerived_Inh	1.44E-05
1390	ALL	362874.3	3766858	NonCancerChronicDerived_Inh	1.44E-05
17	ALL	363049.3	3766008	NonCancerChronicDerived_Inh	1.43E-05
21	ALL	363149.3	3766008	NonCancerChronicDerived_Inh	1.43E-05
53	ALL	362924.3	3766033	NonCancerChronicDerived_Inh	1.43E-05
279	ALL	363449.3	3766158	NonCancerChronicDerived_Inh	1.43E-05
776	ALL	363649.3	3766458	NonCancerChronicDerived_Inh	1.43E-05

370	ALL	362649.3	3766233	NonCancerChronicDerived_Inh	1.43E-05
1053	ALL	362649.3	3766658	NonCancerChronicDerived_Inh	1.43E-05
321	ALL	363474.3	3766183	NonCancerChronicDerived_Inh	1.42E-05
654	ALL	363599.3	3766383	NonCancerChronicDerived_Inh	1.42E-05
237	ALL	363424.3	3766133	NonCancerChronicDerived_Inh	1.42E-05
16	ALL	363024.3	3766008	NonCancerChronicDerived_Inh	1.42E-05
571	ALL	363574.3	3766333	NonCancerChronicDerived_Inh	1.42E-05
22	ALL	363174.3	3766008	NonCancerChronicDerived_Inh	1.41E-05
91	ALL	362849.3	3766058	NonCancerChronicDerived_Inh	1.41E-05
488	ALL	363549.3	3766283	NonCancerChronicDerived_Inh	1.41E-05
130	ALL	362799.3	3766083	NonCancerChronicDerived_Inh	1.41E-05
363	ALL	363499.3	3766208	NonCancerChronicDerived_Inh	1.40E-05
195	ALL	363399.3	3766108	NonCancerChronicDerived_Inh	1.40E-05
110	ALL	363324.3	3766058	NonCancerChronicDerived_Inh	1.40E-05
67	ALL	363274.3	3766033	NonCancerChronicDerived_Inh	1.40E-05
15	ALL	362999.3	3766008	NonCancerChronicDerived_Inh	1.40E-05
249	ALL	362699.3	3766158	NonCancerChronicDerived_Inh	1.39E-05
1347	ALL	362824.3	3766833	NonCancerChronicDerived_Inh	1.39E-05
1604	ALL	363099.3	3766983	NonCancerChronicDerived_Inh	1.39E-05
209	ALL	362724.3	3766133	NonCancerChronicDerived_Inh	1.39E-05
52	ALL	362899.3	3766033	NonCancerChronicDerived_Inh	1.39E-05
23	ALL	363199.3	3766008	NonCancerChronicDerived_Inh	1.39E-05
289	ALL	362674.3	3766183	NonCancerChronicDerived_Inh	1.38E-05
1220	ALL	362724.3	3766758	NonCancerChronicDerived_Inh	1.37E-05
1178	ALL	362699.3	3766733	NonCancerChronicDerived_Inh	1.37E-05
1561	ALL	363049.3	3766958	NonCancerChronicDerived_Inh	1.37E-05
405	ALL	363524.3	3766233	NonCancerChronicDerived_Inh	1.37E-05
169	ALL	362749.3	3766108	NonCancerChronicDerived_Inh	1.37E-05
14	ALL	362974.3	3766008	NonCancerChronicDerived_Inh	1.37E-05
153	ALL	363374.3	3766083	NonCancerChronicDerived_Inh	1.37E-05
1475	ALL	362949.3	3766908	NonCancerChronicDerived_Inh	1.37E-05
1518	ALL	362999.3	3766933	NonCancerChronicDerived_Inh	1.37E-05
1432	ALL	362899.3	3766883	NonCancerChronicDerived_Inh	1.36E-05
329	ALL	362649.3	3766208	NonCancerChronicDerived_Inh	1.36E-05
696	ALL	363624.3	3766408	NonCancerChronicDerived_Inh	1.36E-05
1262	ALL	362749.3	3766783	NonCancerChronicDerived_Inh	1.36E-05
1136	ALL	362674.3	3766708	NonCancerChronicDerived_Inh	1.36E-05
90	ALL	362824.3	3766058	NonCancerChronicDerived_Inh	1.35E-05
24	ALL	363224.3	3766008	NonCancerChronicDerived_Inh	1.35E-05
613	ALL	363599.3	3766358	NonCancerChronicDerived_Inh	1.35E-05
530	ALL	363574.3	3766308	NonCancerChronicDerived_Inh	1.35E-05
51	ALL	362874.3	3766033	NonCancerChronicDerived_Inh	1.34E-05
1389	ALL	362849.3	3766858	NonCancerChronicDerived_Inh	1.34E-05
129	ALL	362774.3	3766083	NonCancerChronicDerived_Inh	1.34E-05
13	ALL	362949.3	3766008	NonCancerChronicDerived_Inh	1.34E-05
68	ALL	363299.3	3766033	NonCancerChronicDerived_Inh	1.34E-05
1304	ALL	362774.3	3766808	NonCancerChronicDerived_Inh	1.33E-05
1646	ALL	363124.3	3767008	NonCancerChronicDerived_Inh	1.33E-05
447	ALL	363549.3	3766258	NonCancerChronicDerived_Inh	1.33E-05
111	ALL	363349.3	3766058	NonCancerChronicDerived_Inh	1.33E-05
1094	ALL	362649.3	3766683	NonCancerChronicDerived_Inh	1.32E-05
280	ALL	363474.3	3766158	NonCancerChronicDerived_Inh	1.32E-05
238	ALL	363449.3	3766133	NonCancerChronicDerived_Inh	1.32E-05
737	ALL	363649.3	3766433	NonCancerChronicDerived_Inh	1.32E-05
25	ALL	363249.3	3766008	NonCancerChronicDerived_Inh	1.31E-05
208	ALL	362699.3	3766133	NonCancerChronicDerived_Inh	1.31E-05
248	ALL	362674.3	3766158	NonCancerChronicDerived_Inh	1.31E-05
322	ALL	363499.3	3766183	NonCancerChronicDerived_Inh	1.31E-05
196	ALL	363424.3	3766108	NonCancerChronicDerived_Inh	1.31E-05
12	ALL	362924.3	3766008	NonCancerChronicDerived_Inh	1.30E-05
1603	ALL	363074.3	3766983	NonCancerChronicDerived_Inh	1.30E-05
168	ALL	362724.3	3766108	NonCancerChronicDerived_Inh	1.30E-05
89	ALL	362799.3	3766058	NonCancerChronicDerived_Inh	1.30E-05
50	ALL	362849.3	3766033	NonCancerChronicDerived_Inh	1.29E-05
288	ALL	362649.3	3766183	NonCancerChronicDerived_Inh	1.29E-05
1346	ALL	362799.3	3766833	NonCancerChronicDerived_Inh	1.29E-05
1517	ALL	362974.3	3766933	NonCancerChronicDerived_Inh	1.29E-05
1474	ALL	362924.3	3766908	NonCancerChronicDerived_Inh	1.29E-05
1560	ALL	363024.3	3766958	NonCancerChronicDerived_Inh	1.29E-05
364	ALL	363524.3	3766208	NonCancerChronicDerived_Inh	1.28E-05
154	ALL	363399.3	3766083	NonCancerChronicDerived_Inh	1.28E-05
655	ALL	363624.3	3766383	NonCancerChronicDerived_Inh	1.28E-05
572	ALL	363599.3	3766333	NonCancerChronicDerived_Inh	1.28E-05
1431	ALL	362874.3	3766883	NonCancerChronicDerived_Inh	1.28E-05
489	ALL	363574.3	3766283	NonCancerChronicDerived_Inh	1.28E-05
69	ALL	363324.3	3766033	NonCancerChronicDerived_Inh	1.28E-05
128	ALL	362749.3	3766083	NonCancerChronicDerived_Inh	1.27E-05
11	ALL	362899.3	3766008	NonCancerChronicDerived_Inh	1.27E-05
1219	ALL	362699.3	3766758	NonCancerChronicDerived_Inh	1.27E-05
26	ALL	363274.3	3766008	NonCancerChronicDerived_Inh	1.27E-05
1177	ALL	362674.3	3766733	NonCancerChronicDerived_Inh	1.26E-05
1261	ALL	362724.3	3766783	NonCancerChronicDerived_Inh	1.26E-05
112	ALL	363374.3	3766058	NonCancerChronicDerived_Inh	1.25E-05

406	ALL	363549.3	3766233	NonCancerChronicDerived_Inh	1.25E-05
1388	ALL	362824.3	3766858	NonCancerChronicDerived_Inh	1.25E-05
49	ALL	362824.3	3766033	NonCancerChronicDerived_Inh	1.25E-05
1645	ALL	363099.3	3767008	NonCancerChronicDerived_Inh	1.24E-05
1135	ALL	362649.3	3766708	NonCancerChronicDerived_Inh	1.24E-05
88	ALL	362774.3	3766058	NonCancerChronicDerived_Inh	1.24E-05
1303	ALL	362749.3	3766808	NonCancerChronicDerived_Inh	1.24E-05
207	ALL	362674.3	3766133	NonCancerChronicDerived_Inh	1.23E-05
697	ALL	363649.3	3766408	NonCancerChronicDerived_Inh	1.23E-05
10	ALL	362874.3	3766008	NonCancerChronicDerived_Inh	1.23E-05
247	ALL	362649.3	3766158	NonCancerChronicDerived_Inh	1.23E-05
167	ALL	362699.3	3766108	NonCancerChronicDerived_Inh	1.23E-05
1602	ALL	363049.3	3766983	NonCancerChronicDerived_Inh	1.23E-05
239	ALL	363474.3	3766133	NonCancerChronicDerived_Inh	1.22E-05
1516	ALL	362949.3	3766933	NonCancerChronicDerived_Inh	1.22E-05
531	ALL	363599.3	3766308	NonCancerChronicDerived_Inh	1.22E-05
614	ALL	363624.3	3766358	NonCancerChronicDerived_Inh	1.22E-05
27	ALL	363299.3	3766008	NonCancerChronicDerived_Inh	1.22E-05
281	ALL	363499.3	3766158	NonCancerChronicDerived_Inh	1.22E-05
1559	ALL	362999.3	3766958	NonCancerChronicDerived_Inh	1.22E-05
197	ALL	363449.3	3766108	NonCancerChronicDerived_Inh	1.22E-05
1473	ALL	362899.3	3766908	NonCancerChronicDerived_Inh	1.21E-05
70	ALL	363349.3	3766033	NonCancerChronicDerived_Inh	1.21E-05
127	ALL	362724.3	3766083	NonCancerChronicDerived_Inh	1.21E-05
448	ALL	363574.3	3766258	NonCancerChronicDerived_Inh	1.21E-05
1430	ALL	362849.3	3766883	NonCancerChronicDerived_Inh	1.20E-05
155	ALL	363424.3	3766083	NonCancerChronicDerived_Inh	1.20E-05
323	ALL	363524.3	3766183	NonCancerChronicDerived_Inh	1.20E-05
1345	ALL	362774.3	3766833	NonCancerChronicDerived_Inh	1.20E-05
48	ALL	362799.3	3766033	NonCancerChronicDerived_Inh	1.20E-05
9	ALL	362849.3	3766008	NonCancerChronicDerived_Inh	1.19E-05
87	ALL	362749.3	3766058	NonCancerChronicDerived_Inh	1.18E-05
113	ALL	363399.3	3766058	NonCancerChronicDerived_Inh	1.18E-05
365	ALL	363549.3	3766208	NonCancerChronicDerived_Inh	1.18E-05
1218	ALL	362674.3	3766758	NonCancerChronicDerived_Inh	1.17E-05
1644	ALL	363074.3	3767008	NonCancerChronicDerived_Inh	1.17E-05
1387	ALL	362799.3	3766858	NonCancerChronicDerived_Inh	1.17E-05
28	ALL	363324.3	3766008	NonCancerChronicDerived_Inh	1.17E-05
1260	ALL	362699.3	3766783	NonCancerChronicDerived_Inh	1.16E-05
656	ALL	363649.3	3766383	NonCancerChronicDerived_Inh	1.16E-05
206	ALL	362649.3	3766133	NonCancerChronicDerived_Inh	1.16E-05
573	ALL	363624.3	3766333	NonCancerChronicDerived_Inh	1.16E-05
1176	ALL	362649.3	3766733	NonCancerChronicDerived_Inh	1.16E-05
490	ALL	363599.3	3766283	NonCancerChronicDerived_Inh	1.16E-05
166	ALL	362674.3	3766108	NonCancerChronicDerived_Inh	1.16E-05
1601	ALL	363024.3	3766983	NonCancerChronicDerived_Inh	1.16E-05
1558	ALL	362974.3	3766958	NonCancerChronicDerived_Inh	1.15E-05
1515	ALL	362924.3	3766933	NonCancerChronicDerived_Inh	1.15E-05
8	ALL	362824.3	3766008	NonCancerChronicDerived_Inh	1.15E-05
47	ALL	362774.3	3766033	NonCancerChronicDerived_Inh	1.15E-05
126	ALL	362699.3	3766083	NonCancerChronicDerived_Inh	1.15E-05
71	ALL	363374.3	3766033	NonCancerChronicDerived_Inh	1.15E-05
1302	ALL	362724.3	3766808	NonCancerChronicDerived_Inh	1.15E-05
1472	ALL	362874.3	3766908	NonCancerChronicDerived_Inh	1.15E-05
407	ALL	363574.3	3766233	NonCancerChronicDerived_Inh	1.15E-05
198	ALL	363474.3	3766108	NonCancerChronicDerived_Inh	1.13E-05
240	ALL	363499.3	3766133	NonCancerChronicDerived_Inh	1.13E-05
86	ALL	362724.3	3766058	NonCancerChronicDerived_Inh	1.13E-05
1429	ALL	362824.3	3766883	NonCancerChronicDerived_Inh	1.13E-05
156	ALL	363449.3	3766083	NonCancerChronicDerived_Inh	1.13E-05
282	ALL	363524.3	3766158	NonCancerChronicDerived_Inh	1.13E-05
1344	ALL	362749.3	3766833	NonCancerChronicDerived_Inh	1.12E-05
29	ALL	363349.3	3766008	NonCancerChronicDerived_Inh	1.11E-05
114	ALL	363424.3	3766058	NonCancerChronicDerived_Inh	1.11E-05
532	ALL	363624.3	3766308	NonCancerChronicDerived_Inh	1.11E-05
7	ALL	362799.3	3766008	NonCancerChronicDerived_Inh	1.11E-05
324	ALL	363549.3	3766183	NonCancerChronicDerived_Inh	1.11E-05
615	ALL	363649.3	3766358	NonCancerChronicDerived_Inh	1.11E-05
449	ALL	363599.3	3766258	NonCancerChronicDerived_Inh	1.11E-05
1643	ALL	363049.3	3767008	NonCancerChronicDerived_Inh	1.10E-05
46	ALL	362749.3	3766033	NonCancerChronicDerived_Inh	1.10E-05
165	ALL	362649.3	3766108	NonCancerChronicDerived_Inh	1.10E-05
1557	ALL	362949.3	3766958	NonCancerChronicDerived_Inh	1.10E-05
1600	ALL	362999.3	3766983	NonCancerChronicDerived_Inh	1.09E-05
125	ALL	362674.3	3766083	NonCancerChronicDerived_Inh	1.09E-05
1514	ALL	362899.3	3766933	NonCancerChronicDerived_Inh	1.09E-05
1386	ALL	362774.3	3766858	NonCancerChronicDerived_Inh	1.09E-05
72	ALL	363399.3	3766033	NonCancerChronicDerived_Inh	1.09E-05
1471	ALL	362849.3	3766908	NonCancerChronicDerived_Inh	1.09E-05
1217	ALL	362649.3	3766758	NonCancerChronicDerived_Inh	1.08E-05
366	ALL	363574.3	3766208	NonCancerChronicDerived_Inh	1.08E-05
1259	ALL	362674.3	3766783	NonCancerChronicDerived_Inh	1.08E-05
85	ALL	362699.3	3766058	NonCancerChronicDerived_Inh	1.08E-05

1301	ALL	362699.3	3766808	NonCancerChronicDerived_Inh	1.07E-05
6	ALL	362774.3	3766008	NonCancerChronicDerived_Inh	1.07E-05
491	ALL	363624.3	3766283	NonCancerChronicDerived_Inh	1.06E-05
574	ALL	363649.3	3766333	NonCancerChronicDerived_Inh	1.06E-05
1428	ALL	362799.3	3766883	NonCancerChronicDerived_Inh	1.06E-05
30	ALL	363374.3	3766008	NonCancerChronicDerived_Inh	1.06E-05
199	ALL	363499.3	3766108	NonCancerChronicDerived_Inh	1.06E-05
45	ALL	362724.3	3766033	NonCancerChronicDerived_Inh	1.06E-05
157	ALL	363474.3	3766083	NonCancerChronicDerived_Inh	1.05E-05
241	ALL	363524.3	3766133	NonCancerChronicDerived_Inh	1.05E-05
408	ALL	363599.3	3766233	NonCancerChronicDerived_Inh	1.05E-05
1343	ALL	362724.3	3766833	NonCancerChronicDerived_Inh	1.05E-05
115	ALL	363449.3	3766058	NonCancerChronicDerived_Inh	1.04E-05
1642	ALL	363024.3	3767008	NonCancerChronicDerived_Inh	1.04E-05
283	ALL	363549.3	3766158	NonCancerChronicDerived_Inh	1.04E-05
124	ALL	362649.3	3766083	NonCancerChronicDerived_Inh	1.04E-05
1599	ALL	362974.3	3766983	NonCancerChronicDerived_Inh	1.04E-05
1556	ALL	362924.3	3766958	NonCancerChronicDerived_Inh	1.04E-05
1513	ALL	362874.3	3766933	NonCancerChronicDerived_Inh	1.04E-05
84	ALL	362674.3	3766058	NonCancerChronicDerived_Inh	1.03E-05
5	ALL	362749.3	3766008	NonCancerChronicDerived_Inh	1.03E-05
73	ALL	363424.3	3766033	NonCancerChronicDerived_Inh	1.03E-05
1470	ALL	362824.3	3766908	NonCancerChronicDerived_Inh	1.03E-05
325	ALL	363574.3	3766183	NonCancerChronicDerived_Inh	1.02E-05
1385	ALL	362749.3	3766858	NonCancerChronicDerived_Inh	1.02E-05
533	ALL	363649.3	3766308	NonCancerChronicDerived_Inh	1.01E-05
450	ALL	363624.3	3766258	NonCancerChronicDerived_Inh	1.01E-05
44	ALL	362699.3	3766033	NonCancerChronicDerived_Inh	1.01E-05
31	ALL	363399.3	3766008	NonCancerChronicDerived_Inh	1.00E-05
1258	ALL	362649.3	3766783	NonCancerChronicDerived_Inh	1.00E-05
367	ALL	363599.3	3766208	NonCancerChronicDerived_Inh	9.97E-06
1300	ALL	362674.3	3766808	NonCancerChronicDerived_Inh	9.97E-06
1427	ALL	362774.3	3766883	NonCancerChronicDerived_Inh	9.95E-06
1641	ALL	362999.3	3767008	NonCancerChronicDerived_Inh	9.89E-06
4	ALL	362724.3	3766008	NonCancerChronicDerived_Inh	9.88E-06
158	ALL	363499.3	3766083	NonCancerChronicDerived_Inh	9.87E-06
200	ALL	363524.3	3766108	NonCancerChronicDerived_Inh	9.86E-06
1555	ALL	362899.3	3766958	NonCancerChronicDerived_Inh	9.86E-06
1598	ALL	362949.3	3766983	NonCancerChronicDerived_Inh	9.86E-06
1512	ALL	362849.3	3766933	NonCancerChronicDerived_Inh	9.84E-06
1342	ALL	362699.3	3766833	NonCancerChronicDerived_Inh	9.83E-06
116	ALL	363474.3	3766058	NonCancerChronicDerived_Inh	9.81E-06
83	ALL	362649.3	3766058	NonCancerChronicDerived_Inh	9.80E-06
242	ALL	363549.3	3766133	NonCancerChronicDerived_Inh	9.79E-06
492	ALL	363649.3	3766283	NonCancerChronicDerived_Inh	9.72E-06
74	ALL	363449.3	3766033	NonCancerChronicDerived_Inh	9.70E-06
1469	ALL	362799.3	3766908	NonCancerChronicDerived_Inh	9.69E-06
43	ALL	362674.3	3766033	NonCancerChronicDerived_Inh	9.67E-06
409	ALL	363624.3	3766233	NonCancerChronicDerived_Inh	9.67E-06
284	ALL	363574.3	3766158	NonCancerChronicDerived_Inh	9.66E-06
1384	ALL	362724.3	3766858	NonCancerChronicDerived_Inh	9.63E-06
32	ALL	363424.3	3766008	NonCancerChronicDerived_Inh	9.53E-06
3	ALL	362699.3	3766008	NonCancerChronicDerived_Inh	9.49E-06
326	ALL	363599.3	3766183	NonCancerChronicDerived_Inh	9.46E-06
1640	ALL	362974.3	3767008	NonCancerChronicDerived_Inh	9.39E-06
1554	ALL	362874.3	3766958	NonCancerChronicDerived_Inh	9.39E-06
1426	ALL	362749.3	3766883	NonCancerChronicDerived_Inh	9.38E-06
1597	ALL	362924.3	3766983	NonCancerChronicDerived_Inh	9.38E-06
1511	ALL	362824.3	3766933	NonCancerChronicDerived_Inh	9.34E-06
451	ALL	363649.3	3766258	NonCancerChronicDerived_Inh	9.32E-06
1299	ALL	362649.3	3766808	NonCancerChronicDerived_Inh	9.30E-06
42	ALL	362649.3	3766033	NonCancerChronicDerived_Inh	9.25E-06
159	ALL	363524.3	3766083	NonCancerChronicDerived_Inh	9.24E-06
117	ALL	363499.3	3766058	NonCancerChronicDerived_Inh	9.22E-06
368	ALL	363624.3	3766208	NonCancerChronicDerived_Inh	9.21E-06
201	ALL	363549.3	3766108	NonCancerChronicDerived_Inh	9.21E-06
1341	ALL	362674.3	3766833	NonCancerChronicDerived_Inh	9.20E-06
75	ALL	363474.3	3766033	NonCancerChronicDerived_Inh	9.15E-06
1468	ALL	362774.3	3766908	NonCancerChronicDerived_Inh	9.15E-06
243	ALL	363574.3	3766133	NonCancerChronicDerived_Inh	9.12E-06
2	ALL	362674.3	3766008	NonCancerChronicDerived_Inh	9.10E-06
1383	ALL	362699.3	3766858	NonCancerChronicDerived_Inh	9.07E-06
33	ALL	363449.3	3766008	NonCancerChronicDerived_Inh	9.02E-06
285	ALL	363599.3	3766158	NonCancerChronicDerived_Inh	8.97E-06
1596	ALL	362899.3	3766983	NonCancerChronicDerived_Inh	8.94E-06
1553	ALL	362849.3	3766958	NonCancerChronicDerived_Inh	8.94E-06
1639	ALL	362949.3	3767008	NonCancerChronicDerived_Inh	8.93E-06
410	ALL	363649.3	3766233	NonCancerChronicDerived_Inh	8.92E-06
1425	ALL	362724.3	3766883	NonCancerChronicDerived_Inh	8.89E-06
1510	ALL	362799.3	3766933	NonCancerChronicDerived_Inh	8.86E-06
327	ALL	363624.3	3766183	NonCancerChronicDerived_Inh	8.77E-06
1	ALL	362649.3	3766008	NonCancerChronicDerived_Inh	8.73E-06
118	ALL	363524.3	3766058	NonCancerChronicDerived_Inh	8.67E-06

160	ALL	363549.3	3766083	NonCancerChronicDerived_Inh	8.66E-06
1467	ALL	362749.3	3766908	NonCancerChronicDerived_Inh	8.66E-06
76	ALL	363499.3	3766033	NonCancerChronicDerived_Inh	8.63E-06
1340	ALL	362649.3	3766833	NonCancerChronicDerived_Inh	8.61E-06
202	ALL	363574.3	3766108	NonCancerChronicDerived_Inh	8.60E-06
34	ALL	363474.3	3766008	NonCancerChronicDerived_Inh	8.54E-06
1595	ALL	362874.3	3766983	NonCancerChronicDerived_Inh	8.53E-06
369	ALL	363649.3	3766208	NonCancerChronicDerived_Inh	8.53E-06
1552	ALL	362824.3	3766958	NonCancerChronicDerived_Inh	8.51E-06
1638	ALL	362924.3	3767008	NonCancerChronicDerived_Inh	8.51E-06
1382	ALL	362674.3	3766858	NonCancerChronicDerived_Inh	8.50E-06
244	ALL	363599.3	3766133	NonCancerChronicDerived_Inh	8.50E-06
1509	ALL	362774.3	3766933	NonCancerChronicDerived_Inh	8.41E-06
1424	ALL	362699.3	3766883	NonCancerChronicDerived_Inh	8.37E-06
286	ALL	363624.3	3766158	NonCancerChronicDerived_Inh	8.34E-06
1466	ALL	362724.3	3766908	NonCancerChronicDerived_Inh	8.21E-06
119	ALL	363549.3	3766058	NonCancerChronicDerived_Inh	8.15E-06
328	ALL	363649.3	3766183	NonCancerChronicDerived_Inh	8.15E-06
1594	ALL	362849.3	3766983	NonCancerChronicDerived_Inh	8.14E-06
77	ALL	363524.3	3766033	NonCancerChronicDerived_Inh	8.14E-06
1637	ALL	362899.3	3767008	NonCancerChronicDerived_Inh	8.13E-06
161	ALL	363574.3	3766083	NonCancerChronicDerived_Inh	8.12E-06
1551	ALL	362799.3	3766958	NonCancerChronicDerived_Inh	8.12E-06
35	ALL	363499.3	3766008	NonCancerChronicDerived_Inh	8.08E-06
203	ALL	363599.3	3766108	NonCancerChronicDerived_Inh	8.05E-06
1508	ALL	362749.3	3766933	NonCancerChronicDerived_Inh	7.98E-06
1381	ALL	362649.3	3766858	NonCancerChronicDerived_Inh	7.98E-06
245	ALL	363624.3	3766133	NonCancerChronicDerived_Inh	7.93E-06
1423	ALL	362674.3	3766883	NonCancerChronicDerived_Inh	7.91E-06
1593	ALL	362824.3	3766983	NonCancerChronicDerived_Inh	7.78E-06
287	ALL	363649.3	3766158	NonCancerChronicDerived_Inh	7.78E-06
1465	ALL	362699.3	3766908	NonCancerChronicDerived_Inh	7.77E-06
1636	ALL	362874.3	3767008	NonCancerChronicDerived_Inh	7.76E-06
1550	ALL	362774.3	3766958	NonCancerChronicDerived_Inh	7.73E-06
78	ALL	363549.3	3766033	NonCancerChronicDerived_Inh	7.68E-06
120	ALL	363574.3	3766058	NonCancerChronicDerived_Inh	7.67E-06
36	ALL	363524.3	3766008	NonCancerChronicDerived_Inh	7.65E-06
162	ALL	363599.3	3766083	NonCancerChronicDerived_Inh	7.63E-06
1507	ALL	362724.3	3766933	NonCancerChronicDerived_Inh	7.59E-06
204	ALL	363624.3	3766108	NonCancerChronicDerived_Inh	7.54E-06
1592	ALL	362799.3	3766983	NonCancerChronicDerived_Inh	7.44E-06
1635	ALL	362849.3	3767008	NonCancerChronicDerived_Inh	7.43E-06
1422	ALL	362649.3	3766883	NonCancerChronicDerived_Inh	7.43E-06
246	ALL	363649.3	3766133	NonCancerChronicDerived_Inh	7.42E-06
1549	ALL	362749.3	3766958	NonCancerChronicDerived_Inh	7.37E-06
1464	ALL	362674.3	3766908	NonCancerChronicDerived_Inh	7.35E-06
79	ALL	363574.3	3766033	NonCancerChronicDerived_Inh	7.25E-06
37	ALL	363549.3	3766008	NonCancerChronicDerived_Inh	7.24E-06
121	ALL	363599.3	3766058	NonCancerChronicDerived_Inh	7.23E-06
1506	ALL	362699.3	3766933	NonCancerChronicDerived_Inh	7.21E-06
163	ALL	363624.3	3766083	NonCancerChronicDerived_Inh	7.17E-06
1634	ALL	362824.3	3767008	NonCancerChronicDerived_Inh	7.12E-06
1591	ALL	362774.3	3766983	NonCancerChronicDerived_Inh	7.12E-06
205	ALL	363649.3	3766108	NonCancerChronicDerived_Inh	7.08E-06
1548	ALL	362724.3	3766958	NonCancerChronicDerived_Inh	7.03E-06
1463	ALL	362649.3	3766908	NonCancerChronicDerived_Inh	6.94E-06
38	ALL	363574.3	3766008	NonCancerChronicDerived_Inh	6.86E-06
80	ALL	363599.3	3766033	NonCancerChronicDerived_Inh	6.85E-06
1505	ALL	362674.3	3766933	NonCancerChronicDerived_Inh	6.84E-06
1633	ALL	362799.3	3767008	NonCancerChronicDerived_Inh	6.83E-06
122	ALL	363624.3	3766058	NonCancerChronicDerived_Inh	6.81E-06
1590	ALL	362749.3	3766983	NonCancerChronicDerived_Inh	6.80E-06
164	ALL	363649.3	3766083	NonCancerChronicDerived_Inh	6.75E-06
1547	ALL	362699.3	3766958	NonCancerChronicDerived_Inh	6.69E-06
1632	ALL	362774.3	3767008	NonCancerChronicDerived_Inh	6.55E-06
1589	ALL	362724.3	3766983	NonCancerChronicDerived_Inh	6.50E-06
39	ALL	363599.3	3766008	NonCancerChronicDerived_Inh	6.50E-06
1504	ALL	362649.3	3766933	NonCancerChronicDerived_Inh	6.49E-06
81	ALL	363624.3	3766033	NonCancerChronicDerived_Inh	6.48E-06
123	ALL	363649.3	3766058	NonCancerChronicDerived_Inh	6.43E-06
1546	ALL	362674.3	3766958	NonCancerChronicDerived_Inh	6.37E-06
1631	ALL	362749.3	3767008	NonCancerChronicDerived_Inh	6.28E-06
1588	ALL	362699.3	3766983	NonCancerChronicDerived_Inh	6.22E-06
40	ALL	363624.3	3766008	NonCancerChronicDerived_Inh	6.16E-06
82	ALL	363649.3	3766033	NonCancerChronicDerived_Inh	6.13E-06
1545	ALL	362649.3	3766958	NonCancerChronicDerived_Inh	6.07E-06
1630	ALL	362724.3	3767008	NonCancerChronicDerived_Inh	6.03E-06
1587	ALL	362674.3	3766983	NonCancerChronicDerived_Inh	5.95E-06
41	ALL	363649.3	3766008	NonCancerChronicDerived_Inh	5.85E-06
1629	ALL	362699.3	3767008	NonCancerChronicDerived_Inh	5.78E-06
1586	ALL	362649.3	3766983	NonCancerChronicDerived_Inh	5.68E-06
1628	ALL	362674.3	3767008	NonCancerChronicDerived_Inh	5.55E-06
1627	ALL	362649.3	3767008	NonCancerChronicDerived_Inh	5.33E-06

Santa Monica Wellness Center - Construction Area Source
Annual Exhaust PM10 from Equipment and Haul Trucks

UNMITIGATED TOTAL - PM10

0.07	tons during overall construction	
0.07366	tons during overall construction	
147.32	lbs during overall construction	
79.91	lbs/yr	
0.04	lbs/hr	
8	hours/day	
2096	hours/year	
262	days/year	
12	months	
1.84	year	

Total

Construction =

Emissions from CalEEMod 2016.3.2:

	Exhaust PM10 tpy
2021	0.030
2022	0.044
2023	0.001
Total	***0.07***

Start Date	End Date	Workdays
3/22/2021	4/15/2021	19
4/16/2021	11/26/2021	161
11/29/2021	12/23/2022	280
12/24/2022	1/4/2023	8
1/9/2023	1/27/2023	15
	Total	**483**

MITIGATED TOTAL - PM10

0.01	tons during overall construction	
0.00816	tons during overall construction	
16.32	lbs during overall construction	
8.85	lbs/yr	
0.00	lbs/hr	
8	hours/day	
2096	hours/year	
262	days/year	
12	months	
1.84	year	

Total

Construction =

Emissions from CalEEMod 2016.3.2:

	Exhaust PM10 tpy
2021	0.00
2022	0.01
2023	0.00
Total	***0.01***

Start Date	End Date	Workdays
3/22/2021	4/15/2021	19
4/16/2021	11/26/2021	161
11/29/2021	12/23/2022	280
12/24/2022	1/4/2023	8
1/9/2023	1/27/2023	15

Construction

Hours of Operation for Construction Equipment

Phase	Equipment Type	Number of Equipment	Hours/day	Phase Duration	Hours of Equipmment Use	Phase Totals	MTCO2e
Demolition							
	Concrete/Industrial Saws	1	3	19	57		
	Rubber Tired Dozers	1	3	19	57		
	Tractors/Loaders/Backhoes	1	5	19	95		
Total		**3**			0	**209**	**6.21**
Grading 1							
	Graders	1	6	161	966		
	Tractors/Loaders/Backhoes	1	6	161	966		
Total		**2**				**1,932**	**51.63**
Grading 2							
	Bore/Drill Rigs	1	5	80	400		
Total		**1**				**400**	**20.69**
Building Construction 1							
	Cranes	1	4	280	1,120		
	Forklifts	1	4	280	1,120		
	Generator Sets	1	8	280	2,240		
	Tractors/Loaders/Backhoes	1	5	280	1,400		
Total		**4**				**5,880**	**147.98**
Building Construction 2							
	Aerial Lifts	1	8	140	1,120		
Total		**1**				**1,120**	**10.33**
Building Construction 3							
	Welders	2	4	44	352		
Total		**2**				**352**	**4.14**
Paving							
	Cement and Mortar Mixers	1	2	15	30		
	Pavers	1	2	15	30		
	Paving Equipment	1	2	15	30		
	Rollers	1	2	15	30		
	Tractors/Loaders/Backhoes	1	2	15	30		
Total		**5**				**150**	**2.48**
Architectural Coating							
	Air Compressors	1	6	15	90		
Total		**1**				**90**	**1.91**
					Total	**10,133**	

Construction Equipment Diesel Demand

Phase	Pieces of Equipment	Equipment CO2 (MT)	Kg/CO2/Gallon	Gallons
Demolition	3	6.21	10.21	608.23
Grading 1	2	51.63	10.21	5,056.46
Grading 2	1	20.69	10.21	2,025.97
Building Construction 1	4	147.98	10.21	14,494.05
Building Construction 2	1	10.33	10.21	1,011.44
Building Construction 3	2	4.14	10.21	405.57
Paving	5	2.48	10.21	242.51
Architectural Coating	1	1.91	10.21	187.55
			Total	**24,031.79**

Construction Worker Gasoline Demand

Phase	Trips	Vehicle CO2 (MT)	Kg/CO2/Gallon	Gallons
Demolition	152.00	0.73	8.78	82.72
Grading 1	1,288.00	6.15	8.78	700.97
Grading 2	-	0.00	8.78	0.00
Building Construction 1	21,840.00	100.95	8.78	11,497.79
Building Construction 2	-	0.00	8.78	0.00
Building Construction 3	-	0.00	8.78	0.00
Paving	210.00	0.96	8.78	109.37
Architectural Coating	240.00	1.06	8.78	121.23
			Total	**12,512.08**

Construction Vendor Truck Diesel Demand

Phase	Trips	Vehicle CO2 (MT)	Kg/CO2/Gallon	Gallons
Demolition	0	0.00	10.21	0.00
Grading 1	644	7.86	10.21	769.98
Grading 2	0	0.00	10.21	0.00
Building Construction 1	9,520	115.28	10.21	11,291.08
Building Construction 2	0	0.00	10.21	0.00
Building Construction 3	0	0.00	10.21	0.00
Paving	0	0.00	10.21	0.00
Architectural Coating	0	0.00	10.21	0.00
			Total	**12,061.06**

Construction Haul Truck Diesel Demand

Phase	Trips	Vehicle CO2 (MT)	Kg/CO2/Gallon	Gallons
Demolition	164	6.12	10.21	599.70
Grading 1	11,600	433.09	10.21	42,417.78
Grading 2	0	0.00	10.21	0.00
Building Construction 1	0	0.00	10.21	0.00
Building Construction 2	0	0.00	10.21	0.00
Building Construction 3	0	0.00	10.21	0.00
Paving	0	0.00	10.21	0.00
Architectural Coating	0	0.00	10.21	0.00
			Total	**43,017.47**

Total Diesel	79,110.32
Total Gasoline	12,512.08
	91,622.41

California's Consumption of Petroleum Over Construction Period

78,600,000 gallons per day

37,963,800,000.00

https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_use_pa.html&sid=US&sid=CA

Operation

Natural Gas Consumption

Land Use	kBTU/yr	Therms
Medical Office Building	139,284.00	1,392.84
Research and Development	756,270.00	7,562.70
Enclosed Parking with Elevator	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
Total	**895,554.00**	**8,955.54**

Operational Petroleum Use

Gasoline

Land Use	Vehicle MT CO2	kg CO2/Gallon	Gallons
Medical Office Building	308.50	8.78	35,136.88
Research and Development	525.08	8.78	59,804.60
Enclosed Parking with Elevator	0.00	8.78	-
Other Non-Asphalt Surfaces	0.00	8.78	-
Total Gasoline	*833.59*		*94,941.48*

Diesel

Land Use	Vehicle MT CO2	kg CO2/Gallon	Gallons
Medical Office Building	24.92	10.21	2,441.06
Research and Development	42.42	10.21	4,154.80
Enclosed Parking with Elevator	0.00	10.21	-
Other Non-Asphalt Surfaces	0.00	10.21	-
Total Diesel	*67.34*		*6,595.85*

Total Petroleum	**101,537.34**

Electricity

Land Use	kWh/yr
Medical Office Building	202,407.00
Research and Development	546,950.00
Enclosed Parking with Elevator	499,240.00
Other Non-Asphalt Surfaces	0.00
Water Consumption	302,427.13
Total	**1,551,024.13**

Electricity Intensity Factors - Water/Wastewater

Process	Units	
Supply	kwh/MG	2117
Treat	kwh/MG	111
Distribute	kwh/MG	1272
Wastewater Treatment	kwh/MG	1911
Total	**kwh/MG**	**5,411**

* Electricity intensity factors from CalEEMod Appendix D for SCAQMD

Electricity Demand - Water/Wastewater

	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	9,727	2,117	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	**kwh/MG**	**13,021**	**3,500**	N/A
Water Consumption - Project	**MG/yr**	**23**	**0.4**	**23**
Electricity Usage - Project	**kwh/yr**	**301,168**	**1,259**	**302,427.13**

Project - Land Uses	Mgal - Indoor	Mgal - Outdoor
Medical Office Building	1.88823	0.359663
Research and Development	21.2412	0
Enclosed Parking with Elevator	0	0
Other Non-Asphalt Surfaces	0	0
Total Mgal	23.12943	0.359663
Total gallons	23,129,430.00	359,663.00
Total Indoor and Outdoor	23,489,093.00	

APPENDIX C

Cultural Resources Reports

HISTORIC RESOURCES TECHNICAL REPORT

Historic Resources Survey, Evaluation, and Analysis of Potential Project Impacts

NOVEMBER 2020

1242 20TH STREET WELLNESS CENTER PROJECT

Santa Monica, California 90404

Prepared for:

City of Santa Monica
Community Development Department
City Planning Division
Santa Monica, CA 90401

Prepared by:

Jan Ostashay Principal
Ostashay & Associates Consulting
PO BOX 542, Long Beach, CA 90801

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1. INTRODUCTION

A. STATEMENT OF PURPOSE

This technical report documents and evaluates potential historic resources that may be affected by the implementation of the proposed 1242 20th Street Wellness Center Project (Wellness Center or project). This report is prepared to facilitate environmental compliance of the proposed project under the provisions of the California Environmental Quality Act (CEQA). The survey assessment includes a discussion of survey methods utilized, the jurisdictional framework for historical resources, a description of the subject property's environmental setting, a brief contextual history of the survey study area, an evaluation assessment of properties for historical significance, an analysis of potential project impacts on the identified resources, and applicable mitigation measures, as necessary, for any potential adverse impacts to those resources identified as historically significant.

B. PROJECT LOCATION

The project site is located in the City of Santa Monica (City), in the western portion of Los Angeles County. The City of Santa Monica is a fully urbanized community and is bounded by the City of Los Angeles on the north, south, and east with the Pacific Ocean on the west. Specifically, the project site is bordered by 20th Street on the east; Arizona Ave to the south; 19th Court alley to the west; and adjacent parcels developed with a paved parking lot, small K-8 private school (1224 20th Street), and church (1220 20th Street) to the north (Figure 1-1, Regional and Project Vicinity Map).

The project site is situated in Mid-City, north of Santa Monica Boulevard within the Healthcare Mixed-Use (HMU) District as designated by the City of Santa Monica General Plan Land Use and Circulation Element (LUCE). More specifically, the project site is located at the northwest corner of 20th Street and Arizona Avenue, and includes two parcels addressed as 1925 Arizona Avenue and 1242 20th Street. The associated Los Angeles County Assessor parcel numbers (APN) are 4276-013-033 and 4276-013-032, respectively.

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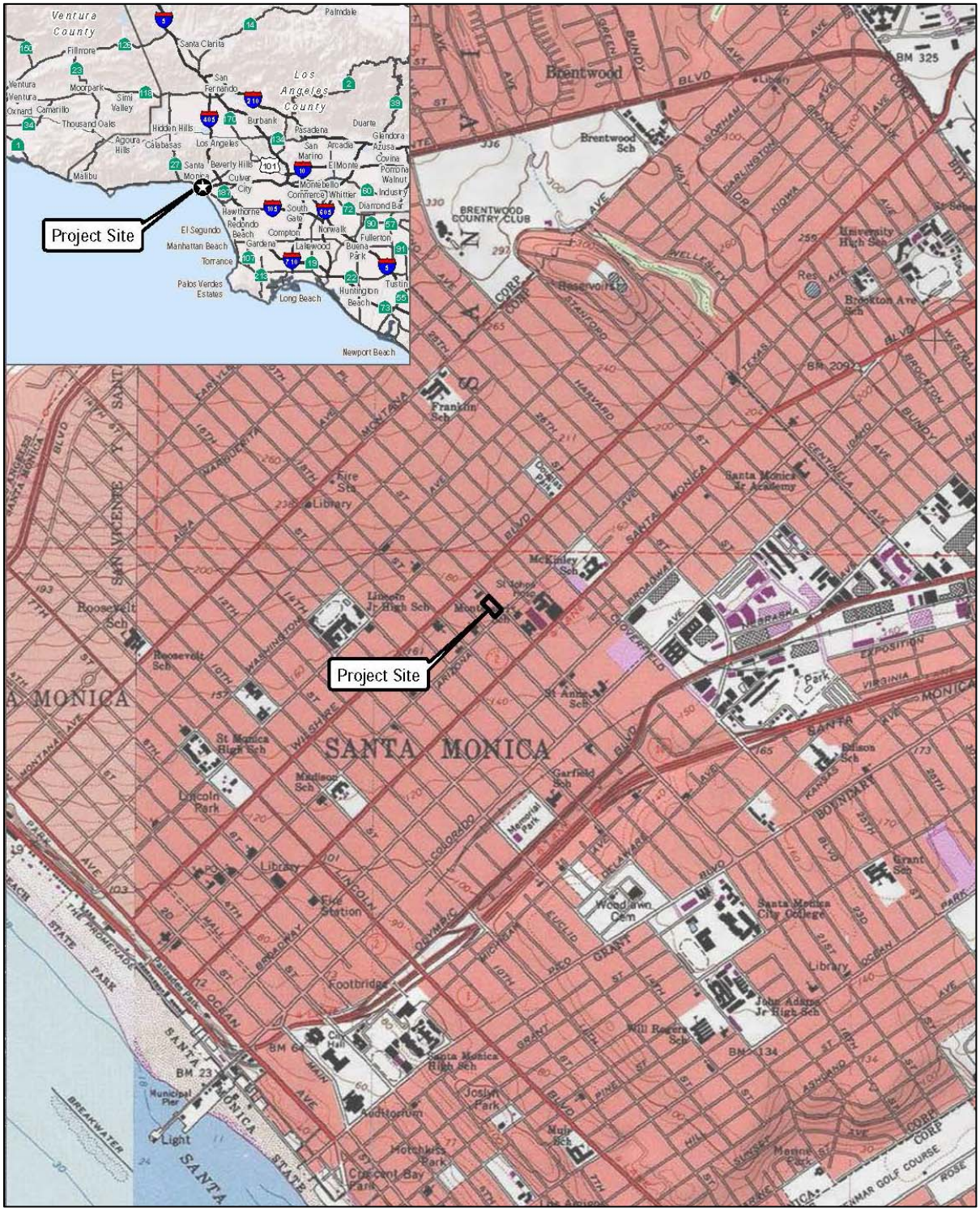

FIGURE 1-1

REGIONAL AND PROJECT VICINITY MAP

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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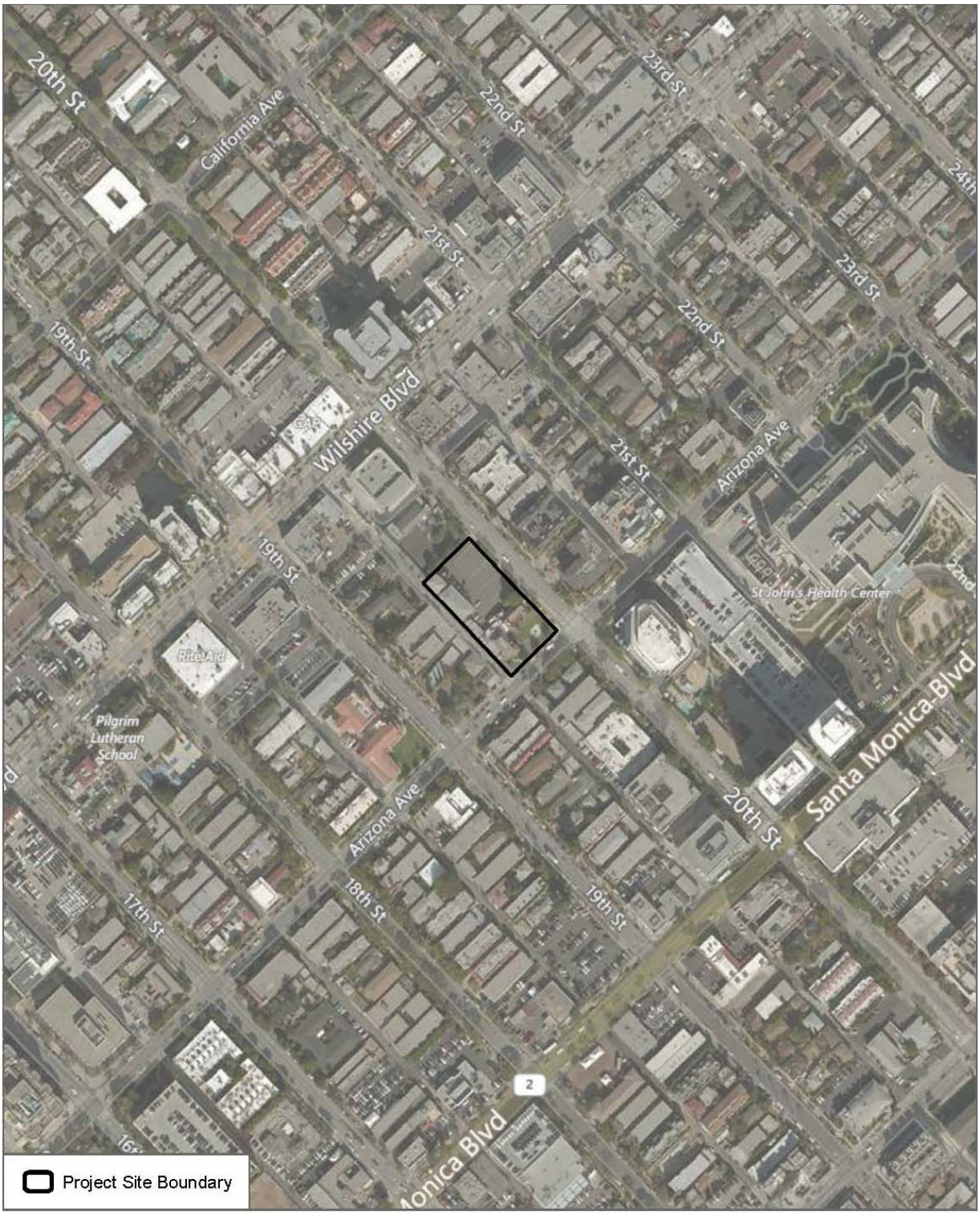

FIGURE 1-2

PROJECT SITE MAP

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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C. EXISTING PROJECT SITE

The project site is comprised of two parcels addressed as 1925 Arizona Avenue and 1242 20th Street. The 1925 Arizona Avenue parcel is improved with an existing two-story Tudor Revival style commercial building that was formerly used as the Gates, Kingsley & Gates Mortuary (GKGM). The 1242 20th Street parcel is developed with two two-story buildings currently leased as office space (formerly used as multi-family apartments). A paved parking lot to the north of the GKGM building spans both parcels.

1. 1925 ARIZONA AVENUE

The parcel addressed as 1925 Arizona Avenue currently contains a Tudor Revival style commercial building that was constructed in 1933 (the GKGM). The GKGM building is designed in an "L" shape plan and consists of an administration wing and a chapel wing. The former two-story funeral home ceased operation in 2016, and the building remained vacant until early 2019, when renovations were made inside the chapel wing for a new restaurant. The restaurant with bakery opened in March 2020 as Tartine. Currently, the administration wing is vacant and is not utilized. On-site landscaping includes a grassy lawn with large fountain (converted to a planter) encircled by the front driveway of the GKGM building, various planted shrubs, and a few varietal trees. The GKGM property has been identified as historically significant and appears eligible for listing as a City of Santa Monica Landmark. Pursuant to CEQA, the GKGM property is considered a historical resource.

2. 1242 20TH STREET

The parcel addressed as 1242 20th Street contains two two-story buildings designed in the Minimal Traditional idiom that were built in 1956 (1234 20th Street) and 1965 (1242 20th Street). The two buildings are currently leased for office space, but the buildings were previously used as multi-family residential units until 2016 (when they became vacant). Upon concluding the historic resources assessment, it was determined that both of these structures lack any type of historical significance and are considered ineligible for federal, state, and local landmark designation. Pursuant to CEQA, both buildings are not considered historical resources.

D. PROJECT BACKGROUND

The project site is located within the HMU District as designated by the City's LUCE. The HMU designation addresses the changing healthcare needs of the community and supports the continued viability of the two hospitals in the City. The LUCE envisions that new medical and

ancillary facilities, open spaces and additional community benefits are envisioned to emerge over time.

The HMU designation allows for a variety of uses that support the City's two hospitals and ensures that these uses are allowed to expand, while being sensitive to the surrounding residential neighborhoods in ways that meet the healthcare needs of the City and the sub-region. Allowed uses include hospital and medical office uses, pharmacies, residential care, rehabilitation and outpatient clinics, affordable, workforce and market-rate housing targeted at hospital employees, extended stay lodging for patient families, and supporting retail uses.

Consistent with the City's LUCE, the site is zoned HMU per the City's Zoning Ordinance. As indicated in the Zoning Ordinance, the HMU Ordinance was recently adopted in May 2015 and was comprehensively updated to reflect the LUCE vision, goals, and policies. This Zoning District is intended to provide for the future orderly expansion of the City's hospitals and related health care facilities in order to meet the needs of both the community and region while protecting the integrity of the surrounding residential neighborhoods. The District fosters the evolving needs of the healthcare community with expanded medical office uses and outpatient services along with retail and non-medical services.

E. PROJECT DESCRIPTION SUMMARY

The proposed project would involve the retention, rehabilitation, and expansion of the existing GKGM property for health and wellness uses. The attached four-car garage of the former GKGM building and both of the adjacent two-story buildings currently used as commercial office space would be removed for the construction of a new large, three-story contemporary style health and wellness facility with five levels of underground parking. Implementation of the proposed project would require demolition of the following:

- 1-story rear parking garage (adjacent to 19th Court) of the GKGM Building
- 2-story, 7-unit building
- 2-story, 3-unit building
- surface parking lot, subterranean utilities, and four driveway curb cuts adjacent to 20th Street and one driveway curb cut adjacent to Arizona Avenue
- removal of stone veneer along the Arizona Avenue-facing side of the administrative portion of GKGM Building
- removal of exterior door along the interior driveway side of the administrative portion of GKGM Building
- a portion of the internal walkway adjacent to the former chapel of the GKGM building

The currently unoccupied interior spaces of the existing GKGM building (administration wing) would be reconfigured to accommodate the new uses of the project. The one-story chapel wing of the GKGM building, which currently houses the full service Tartine restaurant, would remain as currently configured and utilized. The large fountain at the southeast corner of the property within the grassy lawn area would remain, as it has been recently converted into a planter.

Work proposed for the existing Tudor style GKGM building would include but not be limited to the removal of non-original stone veneer cladding from the building's south and east exterior walls (primary elevations) and the restoration of stucco sheathing on these walls as originally applied in 1933; the removal, as necessary, of non-original damaged window frames from existing window openings of the administration wing for the installation of in-kind period-appropriate frames based on photographic and physical evidence; and replacement of the exterior door along the east elevation of the administrative portion of GKGM Building.

The "new construction" work proposed for the existing Tudor style GKGM building would be conducted along the north (rear) and west (side) elevations (considered secondary elevations) in order to avoid adverse impacts to the identified important character-defining features of the historic building and its historic qualities overall. Such work would include the construction of a new building north of the former mortuary building (generally occupying the area where the two former apartment buildings and paved parking area are located). The new construction would be comprised of three stories above grade with a height of roughly 45 feet, not including parapets and roof appurtenances. In addition, a five-level subterranean parking garage would be provided below the new construction with usable research and development space on the first level (Level P1).

The overarching rehabilitation approach is to ensure an opportunity to make possible an efficient contemporary use of the site through reasonable and respectful alterations and additions while preserving those character-defining features of the existing Tudor style GKGM building and its site that convey the property's historical, cultural, and architectural significance. It is also the goal of the project to ensure the proposed work scopes are compatible with the historic character of the historic resource and are consistent with the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings* or the *Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (1995), by Weeks and Grimmer, revised by Grimmer (2017); herein referred to as the SOI Standards.

The Wellness Center is envisioned to accommodate medical research activities, providing spaces for laboratory modules, specialized equipment, medical archives, and both private and collaborative office spaces for staff. Medical clinic and office functions such as outpatient care are also anticipated and would require flexible spaces for patient treatment and administration. To accommodate educational and community-oriented programming on topics of healthcare and wellness, there will also be flexible meeting and gathering spaces throughout the complex.

F. HISTORIC RESOURCES ASSESSMENT METHODOLOGY

In order to identify and assess the project site for historical significance, a multi-step methodology was utilized. A record search to identify previously documented historic resources was conducted. This search included a review of the National Register of Historic Places (National Register) and its annual updates, determinations of eligibility for National Register listings, the California Register of Historical Resources (California Register), and the California Historical Resources Inventory System (CHRIS) maintained by the State Office of Historic Preservation (OHP). The City of Santa Monica Historic Resources Inventory (SMHRI) was also reviewed to identify any previously surveyed properties within the study area.

Site inspections of the project site were made to assess existing conditions, define the historic resources survey study area, document potential significant properties, and identify character-defining features of those properties evaluated as historically significant. A survey of the study area, including photography and the collection of archival background data, was then performed. Additional background and site-specific research was also conducted in order to evaluate potential historic resources within their proper historic context.

Criteria of the National Register, California Register, and the City of Santa Monica preservation program, as applicable, were employed to evaluate properties and/or re-confirm the significance of any previously identified properties. In addition, the survey methodology of the OHP was utilized. More specifically, in conducting the identification and evaluation of historic resources located within the study area, the following tasks were performed:

- Searched archival records of the National Register, California Register, CHRIS, and the SMHRI.
- Conducted field inspections of the study area (project site) and photographed the site and its features.
- Collected and reviewed relevant historic images and archives including, but not limited to those at the Regional History Center at the University of Southern

California (USC), the Los Angeles Public Library (LAPL), the Santa Monica Public Library (SMPL), the Santa Monica Historical Museum (SMHM), and the University of California, Los Angeles (UCLA) and the University of California, Santa Barbara (UCSB).

- Conducted site-specific research on historic resources including a review of relevant architectural plans, building permits, tax assessor records, Sanborn Fire Insurance Maps, tract maps, and other archival documents.
- Reviewed and analyzed previous documentation, ordinances, statutes, regulations, bulletins, and technical materials relating to federal, state, and local historic preservation, designation assessment processes, and related programs.

Additional supplemental material was also provided by the City and the project applicant's preservation architect Robert Chattel of Chattel, Inc. | Historic Preservation Consultants (Sherman Oaks, California). The current historic resources survey assessment of the project site was conducted and prepared by the City's historic consultant Jan Ostashay, Principal, Ostashay & Associates Consulting (Long Beach, California). Ms. Ostashay satisfies the U.S. Secretary of the Interior's Professional Qualification Standards in history and architectural history. This historic resources report represents Ms. Ostashay's independent professional judgment.

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2. REGULATORY FRAMEWORK

Historic resources fall within the jurisdiction of several levels of government. Federal laws provide the framework for the identification, and in certain instances, protection of historic resources. Additionally, states and local jurisdictions play active roles in the identification, documentation, and protection of such resources within their communities.

Numerous laws and regulations require federal, state, and local agencies to consider the effects of a proposed project on historic resources. These laws and regulations stipulate a process for compliance, define the responsibilities of the various agencies proposing or overseeing the action, and prescribe the relationship among other involved agencies (e.g., State Historic Preservation Office and the Advisory Council on Historic Preservation). The National Historic Preservation Act (NHPA) of 1966, as amended; the California Environmental Quality Act (CEQA); the California Register; Public Resources Code (PRC) 5024; and the City of Santa Monica's Municipal Code are the primary laws, policies, and programs governing and affecting preservation of historic resources of national, state, and local significance. A discussion of the relevant key laws and regulations is provided in the following paragraphs.

A. FEDERAL LEVEL

1. NATIONAL REGISTER OF HISTORIC PLACES

First authorized by the Historic Sites Act of 1935, the National Register of Historic Places (National Register) was established by the NHPA, as "an authoritative guide to be used by Federal, State, and local governments, private groups and citizens to identify the Nation's cultural resources and to indicate what properties should be considered for protection from destruction or impairment."[1] The National Register recognizes properties that are significant at the national, state and local levels. Further discussion of National Register criteria and guidelines is provided in Section 3, Environmental Setting, of this document.

B. STATE LEVEL

The California Office of Historic Preservation, as an office of the California Department of Parks and Recreation, implements the policies of the NHPA on a state-wide level. The OHP also carries out the duties as set forth in the Public Resources Code (PRC) and maintains the California Historic Resources Inventory. The State Historic Preservation Officer (SHPO) is an appointed official who implements historic preservation programs within the state's jurisdictions. Also

[1] *Code of Federal Regulations (CFR), 36 Section 60.2.*

implemented at the state level, CEQA requires projects to identify any substantial adverse impacts which may affect the significance of identified historical resources. Further discussion of OHP survey methodology and specific criteria to determine the significance of a resource are also provided in Section 3, Environmental Setting, of this document.

1. California Register of Historical Resources

Created by Assembly Bill 2881, which was signed into law on September 27, 1992, the California Register is "an authoritative listing and guide to be used by state and local agencies, private groups, and citizens in identifying the existing historical resources of the state and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change."[2] The criteria for eligibility for the California Register are based upon National Register criteria.[3] Certain resources are determined by the statute to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register of Historic Places.[4]

The California Register consists of resources that are listed automatically and those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed on the National Register of Historic Places and those formally Determined Eligible for the National Register of Historic Places;
- California Registered Historical Landmarks from No. 770 onward;
- Those California Points of Historical Interest that have been evaluated by the OHP and have been recommended to the State Historical Commission for inclusion on the California Register.[5]

Other resources which may be nominated to the California Register include:

- Individual historical resources;
- Historical resources contributing to historic districts;
- Historical resources identified as significant in historical resources surveys with significance ratings of Category 1 through 5;

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2 *California Public Resources Code Section 5024.1(a).*

3 *California Public Resources Code Section 5024.1(b).*

4 *California Public Resources Code Section 5024.1(d).*

5 *California Public Resources Code Section 5024.1(d).*

- Historical resources designated or listed as local landmarks, or designated under any local ordinance, such as a historic preservation overlay zone.[6]

2. CALIFORNIA ENVIRONMENTAL QUALITY ACT

Under CEQA, a "project that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment."[7] This statutory standard involves a two-part inquiry. The first involves a determination of whether the project involves a historical resource. If so, then the second part involves determining whether the project may involve a "substantial adverse change in the significance" of the historical resource. To address these issues, guidelines that implement the 1992 statutory amendments relating to historical resources were adopted in final form on October 26, 1998 with the addition of State CEQA Guideline Section 15064.5. The State CEQA Guidelines provide that for the purposes of CEQA compliance, the term "historical resources" shall include the following:[8]

- "A resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources.
- A resource included in a local register of historical resources, as defined in section 5020.1(k) of the Public Resources Code or identified as significant in a historical resource survey meeting the requirements in section 5024.1(g) of the Public Resources Code, shall be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
- Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register of Historical Resources.
- The fact that a resource is not listed in, or determined to be eligible for listing in the California Register of Historical Resources, not included in a local register of

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6 *California Public Resources Code Section 5024.1(e).*

7 *California Public Resources Code Section 21084.1 – Added in 1992 by AB 2881.*

8 *State CEQA Guidelines, 14 CCR Section 15064.5(a).*

historical resources (pursuant to section 5020.1(k) of the Public Resources Code), or identified in a historical resources survey (meeting the criteria in section 5024.1(g) of the Public Resources Code) does not preclude a lead agency from determining that the resource may be a historical resource as defined in Public Resources Code sections 5020.1(j) or 5024.1."

C. LOCAL LEVEL

1. CITY OF SANTA MONICA

The City of Santa Monica formally initiated a historic preservation program with its 1976 adoption of the Landmark and Historic Preservation Ordinance (Chapter 9.36 of the Santa Monica Municipal Code). This ordinance established the Landmarks Commission whose powers include designation of Structures of Merit and Landmarks, and recommendations to the City Council for the designation of historic districts. Furthermore, it identifies both obligations required of historic property ownership and a broad range of incentives available to owners of historic properties.

The Landmarks Commission is a lay commission that is appointed by the City Council. The Commission is comprised of qualified individuals with relevant experience and knowledge in historic preservation. The Commission advises the City Council on all matters pertaining to historic preservation in the city, and has limited decision-making powers.

The City of Santa Monica is also a recognized Certified Local Government (CLG) as provided for in the National Historic Preservation Act of 1966, as amended, and as approved by the State Historic Preservation Officer (SHPO).

3. ENVIRONMENTAL SETTING

A. HISTORIC CONTEXT

1. CITY OF SANTA MONICA

In 1875, the original townsite of Santa Monica was surveyed, including all the land extending from Colorado Street on the south to Montana on the north, and from 26th Street on the east to the Pacific Ocean on the west. [9] Between 1893 and the 1920s, the community operated as a tourist attraction, visited by mostly wealthy patrons. Those areas just outside of the incorporated city limits were semi-rural in setting and were populated with scattered residences.[10] After the advent of the automobile in the 1920s, Santa Monica experienced a significant building boom, with homes being constructed in the tracts north of Montana and east of Seventh Street for year-round residents. Commercial buildings, primarily one- or two-story in height, initially concentrated along 2nd and 3rd Streets between Colorado Avenue and Wilshire Boulevard also began to expand eastward beyond the central business district of the city at this time.[11]

The project site is located in the Mid-City area, east of the present central business district of Santa Monica. It is situated within a residential neighborhood, which is flanked by commercial businesses along Wilshire Boulevard and Santa Monica Boulevard. Medical facilities are to the nearby east of the funeral home site. The varied land uses in this section of Santa Monica suggest how the area developed. Prior to the 1910s, the area was largely undeveloped. Only a scattering of residences dotted the semi-rural landscape of the time, as depicted in the 1918 Sanborn Fire Insurance map.[12] By the mid-1920s, however, many of the empty lots were filled with modest residential housing stock.[13]

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[9] *Architectural Resources Group and Historic Resources Group. City of Santa Monica Historic Resources Inventory Update, Historic Context Statement, March 2018.*

[10] *Ibid.*

[11] *University of California, Santa Barbara Library. Frame Finder, Aerial Photography of Santa Monica. Santa Barbara: UCSB Library (accessed online at http://mil.library.ucsb.edu/ap_indexes/FrameFinder/).*

[12] *Sanborn Map Company. Insurance Maps of Santa Monica, 1909, 1918, 1981-1950. Environmental Data Recovery, Inc.*

[13] *Ibid.*

The next phase of phase of development occurred in the late 1920s and 1930s, which multi-family buildings began replacing some of the smaller single-family homes.[14] It was during this time that the nearby Wilshire (Nevada Avenue) and Santa Monica (Oregon Avenue) corridors assumed their current primarily commercial character. It was during this period that the Tudor style Gates, Kingsley & Gates Mortuary (GKGM building), originally called Gates, Mendenhall and Gates Mortuary, was constructed at the northwest corner of Arizona Avenue and 20th Street in 1933.

These commercial and residential development trends intensified in the post-World War II years, as depicted in the 1950 Sanborn Fire Insurance map. The result being the redevelopment of older, intact housing stock or the infill of parcels with larger one- and two-story apartment buildings, such as the former apartment buildings at 1234 and 1242 20th Street within the project site. Redevelopment continued into the modern era with the construction of additional apartment buildings and the expansion of medical facilities in the immediate area.

2. The Modern Mortuary in the United States

As previously state, a portion of the project site is occupied by a two-story Tudor style commercial building formerly utilized as a mortuary. The "funeral home" is a distinct 20th century property type that reflected the changing attitudes towards death and mourning at the time. Historically, family members died in the home and mourning among friends and family typically occurred at the home. The role of the undertaker was typically performed by the local livery stable keeper, who provided the hearse and funeral carriage, by the carpenter, who made the coffin, or by the sexton, who was charged with bell-tolling and grave digging. The undertaker's responsibility was supplying the coffin, providing chairs for the home, taking charge of pallbearers, supervising removal of the body and ensuring the body was lowered into the grave. Most often, undertakers operated out of their home.[15]

Beginning at the turn of the 20th century; however, the "undertaker" became "funeral director." This change of semantics paralleled the transition of death from an intimate family experience at home to a sanitized celebration off-site as part of an increasingly standardized funerary industry.[16] The new title reflected the rise of the celebration of the recently deceased by elaborate ceremony and expensive accoutrements in an appropriate setting. Changes in the

[14] *Architectural Resources Group and Historic Resources Group. City of Santa Monica Historic Resources Inventory Update, Historic Context Statement, March 2018.*

[15] *Robert Wesley Habenstein, The History of American Funeral Directing, New York: National Funeral Directors Association, 2001; Jessica Mitford, The American Way of Death, New York, 1963.*

[16] *Ibid.*

medical profession and medical technology led to the rise of the modern hospital and by the 1920s, combined with rising incomes and higher cost of health services, fewer and fewer individuals died at home. Hospital and medical staff increasingly handled the details of post-mortem, even more so to the exclusion of the family beyond deciding the preferences of the deceased.[17]

It also reflected the growing acceptance of embalming in treating the recently deceased. Simply put, embalming is the treatment with preservatives to prevent rapid decay. In the United States, the first modern example of embalming dates to 1861, with the use of arsenic mixed with water.[18] By the 20th century, the process became more involved with the body first washed and treated with disinfectant, then positioned for viewing (as once embalmed, the body is "set"), then typically injected and treated with various chemicals, rewashed, and then dressed for viewing.[19]

Paralleling the rise of the funeral home were several factors, the rise of apartment buildings and residential hotels altered the concept of a residence for many from a detached house to a unit on a floor within a building. Of single-family homes, new construction tended toward smaller homes without large rooms for gatherings as the traditional parlor. The rise of the street car dispersed the city's population into suburbs, a dispersion accelerated dramatically by the popularity and use of the automobile by the general public.[20]

These trends also combined with changes in the 1920s in the real estate financing that allowed the rise of specific use buildings, such as the site-specific funeral home. In that era, real estate developments were increasingly financed with leveraged funds provided by loan associations, insurance companies, savings banks and other lending institutions with developers only making low down payments, often as little as 10 percent. This "easy money" acted as an accelerant to the real estate development of the area. On the large scale, it produced grand buildings like the 1930 Chrysler Building or the 1931 Empire State Building, both in New York

[17] *Ibid.*

[18] *Ibid.*

[19] *Everplans. The Embalming Process (Explicit). (www.everplans.com/articles/the-embalming-process-explicit). Retrieved May 5, 2018.*

[20] *Barrett & Logan, Plans for Hennessey, Goetsch & McGee Funeral Home, 1935. Excerpted from Heritage Consulting Group, "National Register of Historic Places Nomination Submittal: Wilson-Chambers Mortuary, 2007; City of Los Angeles. SurveyLA: Los Angeles Citywide Historic Context Statement-Commercial Development, 1850-1980, "Mortuaries, 1920-1980," City of Los Angeles Office of Historic Resources, December 2015.*

City. On the smaller scale, it allowed business owners the opportunity to create a building specifically for their enterprise, such as the funeral home.[21]

By the 1920s, the business became more professional and "undertakers" could be properly trained in the current industry standards and trends of the time. As funeral homes multiplied, so did a variety of professional associations that organized men at the national and state levels, the trade publications that exclusively catered to an emerging class of authorities and standards for the management, treatment and process of operating a modern mortuary, and the establishment of educational institutions for the formal training of funeral directors.

The funeral industry gradually emerged as an economically sophisticated, politically adept, and consumer-oriented institutional powerhouse that revolved around the embalmed, viewable body. But the industry encompassed much more than embalming chemical companies and national professional associations. Casket manufacturers, florists, cosmetic corporations, automobile companies, cemetery associations, insurance agencies, and other related businesses also played a role in the financial triumph of the industry.

The operation and design logistics of the funeral home of that era was complex. Typically, it required domesticated space to meet the needs of mourners. Such spaces included a reception room, chapel for services, and slumber rooms for private viewing, along with adjacent family rooms. In some instances, there were child's slumber rooms and a second smaller chapel. A number of slumber rooms were critical in allowing services to be staged with efficiency. From a business perspective, a funeral parlor also contained a casket sales room, offices, and storage. There was also an operating room for embalming and dressing room for final preparations. As a 24-hour a day operation, funeral homes also included one or more residential apartments and often times a "lady attendant." Finally, the modern funeral home needed to accommodate the automobile, with appropriate settings for arriving and departing bodies, and with appropriate accommodations for staging processions.[22]

3. GATES, KINGSLEY & GATES MORTUARY

By the early 1920s, only three "funeral directors" were listed in the local city directories. The terms funeral home or mortuary were not referenced in the classified business sections of those early directory listings. The 1923 classified business section of the local city directory listed the following funeral homes under the heading "funeral directors," Kirkelie OA & Company at 202 Main Street in Ocean Park; the Mendenhall Funeral Home at 1318 4th Street

[21] *Ibid.*
[22] *Ibid.*

(previously referred to as Mendenhall & Clatworthy [1921-1923] and Boone & Clatworthy [1920-1921]); and J Walter Todd at 1307 7th Street at Arizona Avenue.[23] Most, if not all, of these businesses offered ambulance service and a motor hearse, as well; some also offered a "lady attendant.[24]" Within only a few years, the mortuary business in Santa Monica was to usher in a new era of modern funeral homes.

Construction work begun on the new Tudor Revival style funeral home at the corner of 20th Street and Arizona Avenue in May 1933.[25] Of wood-frame, plaster construction the Gates, Mendenhall and Gates mortuary facility (briefly referred to as Mendenhall & Gates Funeral Home) was designed by local architect Francis D. Rutherford with assistance by architect George Dunderdale. Plans and specifications for the new funeral home were prepared by the Maule Building Company of Santa Monica. The Maule Building Company also acted as the general contractor for the new project. The mortuary's one-story chapel wing named "Little Chapel of the Dawn," was designed to be similar in style and appearance to the "Wee Kirk o' the Heather" chapel at Forest Lawn Memorial Park in Glendale.[26]

The Tudor Revival style GKGM building with its chapel at the northwest corner of Arizona Avenue and 20th Street was completed and formally opened in September 1933. The new mortuary opened to grand fanfare with an elaborate three day open house celebration. As part of the site development the non-denomination Little Chapel of the Dawn was dedicated with a church service held on Sunday, September 10, 1933, the second day of celebrations.[27] The dedication of the attached two-story administration portion of the building was also held on that Sunday afternoon.[28]

A two-page spread in the *Santa Monica Evening Outlook* dated from September 9, 1933 highlighted the development of the mortuary and church site.[29] Various articles lauded the property's architectural design, project architects and contractors, and the property owners and operators. Congratulatory advertisements and photographs of the buildings and grounds were also included in the newspaper coverage from that date. Among its competitors at that time, it was one of the grandest structures of its type and would remain so for many years.

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[23] *Santa Monica, Ocean Park, Venice, Sawtelle and Westgate Directory 1921`-1922, 1923.*

[24] *"Funeral Homes," Santa Monica Evening Outlook, 8 September 1921; Santa Monica City Directory 1923.*

[25] *"Work Started on Mortuary," Santa Monica Evening Outlook, 15 May 1933.*

[26] *Gates Mendenhall and Gates Dedicate New Mortuary," Santa Monica Evening Outlook, 9 September 1933.*

[27] *"Dedicate New Funeral Home," Santa Monica Evening Outlook, 11 September 1933.*

[28] *Ibid.*

[29] *"Gates, Mendenhall and Gates Dedicate New Mortuary," Santa Monica Evening Outlook, 9 September 1933.*

The new Gates, Mendenhall and Gates Mortuary at 1925 Arizona Avenue signaled the expansion of the Mendenhall Funeral Home as well as the partnership between Clifford J. Mendenhall (1897-1989), Mark T. Gates (1907-1972) and his father Reverend Eugene F. Gates (1873-1957). As officials of the business Eugene Frank Gates served as the company's initial secretary-treasurer; Clifford J. Mendenhall as the president; and Mark T. Gates, son of E.F. Gates, was appointed vice-president.[30] Other key staff included William H. Hutchinson, initially the driver and later the assistant embalmer, and Joseph S. Waugh, the musical director.[31]

At the time the Gates, Mendenhall and Gates Mortuary opened there were three other funeral homes operating in the Santa Monica area as well as one in West Los Angeles.[32] The Boggs & Mashmeyer Wilshire Funeral Home was located nearby at 1519 Wilshire Boulevard. Kirkelie Barnard & Peek was located at 202 Main Street (Ocean Park), and Todd & Leslie [Pierce Brothers] was situated closer to downtown at 1307 7th Street. The Price-Daniel Company mortuary was located along Santa Monica Boulevard in West Los Angeles. Interestingly, within the 1933 city directory a full-page advertisement under the "funeral directors" heading highlighted the Price-Daniel Company mortuary with a photograph. A few years later, Henry G. Moeller and his sons opened a funeral home at 1230 Montana Avenue. Though some of the names of the funeral homes changed over the years because of consolidation or expansion they remained in competitive business up through the 1960s. After that time, many of the mortuaries were closed, sold to large conglomerates or consolidated with other funeral homes.

After construction of the new building, the Gates, Mendenhall and Gates Mortuary continued to be successful because of their ability to meet the needs of the surrounding diverse community, offer a modern facility with a caring staff, and they provided an accommodating and attractive establishment. According to newspaper accounts, archival data, and city directory information the Gates, Mendenhall and Gates mortuary offered a "home-like" setting for the deceased and mourning with all the functions and services of a contemporary funeral home. The business also included 24 hour ambulance service, as Gates, Mendenhall and Gates owned and operated an innovative side and rear door hearse. Ambulance services as an adjunct business to funeral homes was quite commonplace prior to the 1970s, since mortuaries typically had to operate hearses and, therefore, had drivers and necessary equipment and facilities.

Besides the Little Chapel of the Dawn for services and prayer (as well as weddings and other social events), the eastern half of the building operated the administration aspects of the

[30] *Ibid.*

[31] *Ibid.*

[32] *Santa Monica, Ocean Park, Venice, Sawtelle and Westgate Directory 1933.*

business with space for a reception room, slumber rooms, casket sales, offices and storage, a walk-in safe, bathrooms, and an embalming room and dressing room for final preparations. On the second floor of the building were two apartment units where staff of the 24 hour mortuary resided and stood on-call. The officials of the funeral home resided off-site with their families, though early-on Mark Gates and his wife Sarah lived briefly in one of the apartments on-site.

By the end of 1940, Clifford J. Mendenhall, president of the firm and one of the funeral directors, had transitioned out of his position and moved to the San Gabriel Valley with his family. Virgil B. Kingsley, who had been with the firm since 1936, then became a managing partner, funeral director and secretary-treasurer in the business. With this change, Frank Gates became president and Mark Gates remained as vice-president. Accordingly, following the departure of Mendenhall, the company's name was amended to Gates, Kingsley & Gates Mortuary (also referred to as Gates, Kingsley and Gates). With a brisk business at hand, they opened another mortuary in nearby Westwood.

To supplement the company's income Gates, Kingsley & Gates constructed a three unit, two-story apartment building in 1956. This improvement was built on a portion of lots G and H of Block 105 (in the Town of Santa Monica tract) along the western property line, north of the mortuary building (1234 20th Street). An additional two-story, apartment building with seven units was built by Gates, Kingsley & Gates just south of the other apartment building in 1965 (1242 20th Street). Hence, they also went into the apartment management business, which continued until the overall site was sold in 2016.

By the 1970s, Gates, Kingsley & Gates had acquired a number of local mortuaries, including the Wilshire Funeral Home and Price-Daniel Mortuary of West Los Angeles. The acquisition of the Wilshire Funeral Homes did not include the property and its operations were consolidated to the 20th Street and Arizona Avenue facility. Years later the company consolidated again with the merger of another longtime family mortuary Moeller-Murphy. It then became Gates, Kingsley & Gates Moeller Murphy (later changed to Kingsley & Gates, Moeller & Murphy). Since 1994, the business was later sold again to Service Corporation International (SCI) and operated under the SCI brand "Dignity Memorial. In August 2016, the subject property closed its doors permanently and ceased operation.

The Tudor style Little Chapel of the Dawn has hosted hundreds of weddings, as well as funerals, in the past several decades. Over the years, the Gates, Kingsley & Gates Mortuary and the associated Little Chapel of the Dawn have also had their share of celebratory funeral services. Because of its well-established professional operations, long-term service to the local residents, respect for the dead and mourning, and reverence for privacy the Mortuary property was the funeral home of choice for many in the area. Funeral services for former President

Ronald Reagan (1911-2004) and his wife Nancy (1921-2016) were both held there. The arrangements were prearranged by the Reagans decades prior to their deaths. Other services have been held at the Little Chapel of the Dawn for many actors, actresses, playwrights, artists, former Santa Monica mayors, television personalities, and entertainers, including Stewart and Dorothy Granger; Stanton MacDonald Wright; Mark T. Gates; George Carlin; Dick Clark; and Bea Arthur; among others.

4. Associated Personages

Eugene F. Gates

Eugene Frank Gates, the first secretary-treasurer of the Gates, Mendenhall and Gates mortuary, was a financial investor in the business and took over its management affairs when the expanded mortuary business officially opened in 1933. Reverend Frank Gates (1872-1957), as he was referred to by acquaintances, hailed from Indiana where he was born and raised. He graduated from DePauw University and attended Garrett Biblical Institute, a Methodist seminary in the Midwest, and became well known in ministerial circles.[33] He came to California with his family in 1914 and eventually landed in Santa Monica by the mid-1920s. He had served as pastor for the First Methodist Episcopal Church in Springfield, Azusa, Los Angeles, Alhambra, and Santa Monica. He retired from the ministry in 1932 and the following year helped to found Gates, Mendenhall & Gates. From 1932 to 1938, he served as financial executive and adviser of the Goodwill Industries of Los Angeles.[34] When Virgil B. Kingsley became a partner in the business in 1940, Frank Gates became president of the firm. Frank Gates was active in the business and civic organizations until his death in 1957. At that time, his wife Fannie Gates became vice president of the company until her death in 1961.

Clifford J. Mendenhall

Clifford James Mendenhall (1897-1989) became a partner in a small funeral parlor called Boone & Clatworthy. This funeral home business located at 1318 4th Street in Santa Monica began in 1921 and was operated by Joseph B. Boone and Reverend William C. Clatworthy.[35] Boone retired and Mendenhall joined Clatworthy in 1921. Only a few years later, Clatworthy retired in 1923 with Mendenhall buying out his interest in the firm.[36] Mendenhall continued his sole proprietorship of the funeral home for several years until his partnership with the Gates family and the formal opening of the Gates, Mendenhall & Gates Mortuary in 1933.

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[33] *"Gates Mendenhall and Gates Dedicate New Mortuary," Santa Monica Evening Outlook, 9 September 1933.*

[34] *Ibid.*

[35] *Santa Monica, Ocean Park, Venice, Sawtelle and Westgate Directory 1921-1922 (Los Angeles: Los Angeles Directory Company, 1922); "Mendenhall Buys Out Partner," Santa Monica Evening Outlook, 26 March 1923.*

[36] *"Mendenhall Buys Out Partner," Santa Monica Evening Outlook, 26 march 1923.*

Born in 1897 in Illinois, Mendenhall was a third generation licensed mortician and a graduate of Worsham College in Chicago.[37] After serving in World War I he worked in the funeral business in Hollywood for a year before moving to Santa Monica and establishing himself in the local mortuary business. With some financial assistance from Reverend Eugene F. Gates and a successful business already in operation the modest Mendenhall funeral home was ready to expand into a more modern, larger facility. With an already established business and years of experience Mendenhall was the senior funeral director of the Gates, Mendenhall & Gates Mortuary and served as its president. By 1940, Mendenhall had moved on and out of Santa Monica to Monrovia where he lived with his wife Margaret for over twenty years.

MARK T. GATES

Mark Thomas Gates, son of Eugene Frank and Fannie Gates, was born in Nebraska in 1907. He was 14 years old when he and his family arrived in Santa Monica. He attended Santa Monica High School and went on to study at the California College of Embalming in Los Angeles to become a mortician. As an apprenticeship he worked under Clifford J. Mendenhall at his funeral home on 4th Street in Santa Monica prior to becoming a partner and vice-president of the new Gates, Mendenhall & Gates Mortuary. Mark T. Gates was quite active not only in his mortuary business, but was fully engaged in the community. In his early years, he was a member of the board of directors of the Santa Monica-Ocean Park Junior Chamber Commerce and a member of the Kappa Alpha Phi fraternity. Later, he and the Gates, Mendenhall & Gates Mortuary joined the local Chamber of Commerce among other community organizations. Gates was very active in the civic duties of the area having served as Santa Monica's representative on the board of the Metropolitan Water District for many years.[38] He was also past exalted ruler of the Santa Monica Elks Lodge, past president of the Santa Monica Lions Club, and a member of a number of Masonic organizations.[39] He was appointed to the City of Santa Monica's first city council and was elected mayor under the newly created council-manager form of government that was established in March 1947.[40] He served on the council and as the city's first mayor from March 1947 to April 1951. When his father, E. F. Gates, passed away in 1957, Mark T. Gates became president of the Gates, Kingsley & Gates Mortuary. He remained in that position until his death in 1972 at the age of 64 years. Funeral services for Mark T. Gates were held at

[37] *"Gates Mendenhall and Gates Dedicate New Mortuary," Santa Monica Evening Outlook, 9 September 1933.*

[38] *Metropolitan Water District of Southern California, Annual Report 2016: Annual Report for the Fiscal Year July 1, 2015 to June 30, 2016 (Los Angeles Metropolitan Water District of Southern California, 2016), xxxiii.*

[39] *"Mark Gates; Former Santa Monica Mayor," [Obituary], Los Angeles Times, 14 July 1972.*

[40] *"Crypt of Mark T. Gates, Sr.," SCTV, https:SCVhistory.com/scvhistory/lw2732.htm.*

the First United Methodist Church in Santa Monica, and he was laid to rest at the Eternal Valley Cemetery in Santa Clarita.[41]

VIRGIL B. KINGSLEY

Virgil Bert Kingsley was born in Glendora, California in 1911 to Hugh and Bessie Kingsley. He is an alumnus of Citrus Union High School in Glendale and graduated from Pomona College and later attended the University of Southern California. He worked as an accountant during the mid-1930 and lived in Santa Monica and Venice at the time before marrying and moving to South Pasadena in 1936. In the late 1930s, he worked at Gates, Mendenhall & Gates. It was at that time that he changed careers and in 1940, he became a partner and a funeral director in the business. He and his family moved to Santa Monica and remained there for many years. During the 1940s, conveniently located the Kingsley lived in an apartment across the street from the funeral home. They later moved to 22nd Street just south of San Vicente Boulevard. Engaged in the mortuary business for decades, he was involved with the profession on numerous levels, as well as actively involved in civic affairs and the local organizations and clubs of the community. He was president of the California Funeral Directors Association and founding president of the Los Angeles County Funeral Directors Association. Kingsley also served as a member and president of the California Cemetery State Board (now the California Cemetery and Funeral Bureau).

Virgil B. Kingsley was appointed to the Santa Monica City Council in November 1968 to fill an unexpired term through April 1969. He was formally elected to a four year seat on the council in April 1969 and briefly served as mayor in 1971 (he resigned from the post at the end of April of that year). Kingsley was also a founding chairman of the National Conference of Christians and Jews, which in 1984, presented him with its Humanitarian Award for his civic service. He passed away in Newport Beach in 1989.

FRANCIS D. RUTHERFORD

Little is known about architect Francis David Rutherford (1883-1933) of Santa Monica. He was born and raised in Salt Lake City, Utah by his parents Sarah and John Rutherford. He studied architecture at the University of Utah and went on to establish a practice in Salt Lake City. His architectural career in Salt Lake City included several partnerships with other architects during a period from 1907 to 1921.[42] There he designed several commercial buildings as well as industrial structures, educational facilities, a church, and a college gymnasium. In 1921, he moved his family to Santa Monica. March of that same year, he received his certificate

[41] *"Mark Gates; Former Santa Monica Mayor," [Obituary], Los Angeles Times, 14 July 1972.*

[42] *"Death Takes Bay Architect," Santa Monica Evening Outlook, 11 January 1933.*

to practice architecture in California and set up his design practice in the bay side community with an associate, D.D. Smith. That partnership lasted only a few years and Rutherford went on to have his own practice until his death in early 1933. One of last designs were the Tudor Revival style Gates, Mendenhall & Gates Mortuary and Chapel at 1925 Arizona Avenue. He died suddenly from a heart attack in January just a few months before the grand opening of the new funeral home.[43] His death came prior to the official announcement of construction for the new mortuary facility.[44] Besides the Arizona Avenue mortuary property, Rutherford also designed a number of other well-known Santa Monica buildings, including the Santa Monica Outlook Building (demolished) and the Madison School (1926).[45] In addition, his portfolio of work included the design of several school buildings in Venice, Burbank, and Los Angeles, as well as the Hollywood Citizens News Building (1930), the Alhambra Post-Dispatch Building, and the Long Beach Sun Building (1929) in Long Beach.[46] Ironically, his memorial service was held at the Todd & Leslie memorial chapel in Santa Monica.

5. TUDOR REVIVAL STYLE

The GKGM building located on the project site at 1925 Arizona Avenue is designed in the Tudor Revival style, a sub-variant of the Period Revival architectural style popular in the 1920s and 1930s. The end of World War I brought Period Revival styles to the masses and the styles were applied to the design of a variety of building types, including funeral homes. Tudor Revival is a term usually associated with properties designed with half-timbering features. The term suggests that these buildings imitate medieval English architecture from the early 16th century. However, most Tudor Revival style properties were inspired by building techniques from the Elizabethan era.

The most distinguishing feature of the style was ornamental false half-timbering and an emphasis on steeply pitched, front-facing gables. The style was initially associated with wealth because of its use of intricate masonry patterning and expensive materials. By the end of the 1920s, masonry veneering techniques allowed even modest examples of the style to mimic closely the brick and stone exteriors on some English prototypes from the Tudor and Jacobean periods and elevations were clad in contrasting shades of brick.

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[43] *"Francis Rutherford Succumbs to Heart Attack During Meal,' Corsair, 11 January 1933; "Francis D. Rutherford, Architect, Dies," Santa Monica Evening Outlook, 10 January 1933.*

[44] *"Gates Mendenhall and Gates Dedicate New Mortuary," Santa Monica Evening Outlook, 9 September 1933.*

[45] *Architectural Resources Group and Historic Resources Group, Historic Resources Inventory Update Historic Context Statement, 2017.*

[46] *Roger Vincent, "Art Deco Hollywood Citizen News building is sold," Los Angeles Times, 2 April 2014.*

The Tudor Revival style in Santa Monica, as well as much of Southern California, is usually characterized by stucco or brick clad buildings featuring a façade or two dominated by one or more prominent cross gables, usually steeply pitched. While half-timbering is usually present on many examples of the style, decorative siding features could also be constructed of stucco, wood, or brick. Fenestration often included canted bays with diamond pane casement or fixed windows, as well as narrow multi-pane frames. Picturesque windows of leaded glass or diamond patterned lights were also common. Most examples of the style also have one or more chimneys, commonly capped by decorative chimney pots.

B. EXISTING CONDITIONS

The proposed project site is located at the northwest corner of Arizona Avenue and 20th Street and includes the development of the site addressed as 1925 Arizona Avenue and 1242 20th Street. The site addressed as 1925 Arizona Avenue is comprised of three full lots that are tied and each measure 50 feet by 150 feet, as well as the northeast portions (70 feet) of three additional lots to the immediate north, which are also tied. The legal description for this property is defined as the Town of Santa Monica tract, northeast 70 feet of lots G, H, and I and all of lots J, K, and L, Block 105. This combined parcel currently contains the Tudor Revival style GKGM building with a two-story administration wing connected to a small one-story chapel structure with landscaped grounds that was completed in 1933. The administration portion of the building is L-shaped in plan with the offices in the recessed gabled western wing. In the void created by the "L" shape of the building plan a grassy lawn is circled by a paved driveway spanned by a porte cochere. Within the grassy front lawn area is a large a fountain that has been converted into a planter. The driveway running under the porte-cochere has two curb cuts, one on Arizona Avenue and one on 20th Street; the driveway as well as the grassy front lawn are currently utilized as outdoor seating for the restaurant with a landscaped shaded canopy. The small one-story chapel attached to the east side of the building fronts onto 20th Street (currently adaptively used as a restaurant). It too is designed in the Tudor Revival style. Behind (north) the building is an attached one-story, four-car garage and a paved parking lot is to the north of the chapel. The GKGM property has been previously identified as a potential City of Santa Monica landmark by the City as part of their on-going historic resources survey efforts.

The site addressed with the Los Angeles County Assessor as 1242 20th Street contains two Minimal Traditional style buildings (formerly used as multi-family residential apartments) that were built in 1956 (a triplex, 1234 20th Street) and 1965 (a 7 unit apartment, 1242 20th Street). With substantial setbacks from 20th Street, they are situated to the north of the mortuary property on the northwest portion (80 feet) of the three tied lots mentioned above. The legal description for this property is defined as the Town of Santa Monica tract, northwest

80 feet of lots G, H, and I, Block 105. These two buildings (currently used leased as office space) have not been previously assessed for potential historical significant under any of the prior City sponsored survey efforts.

The immediate area outside of the project boundary is developed primarily with low-rise, multi-family residences dating from the 1940s and 1950s through to the 1970s and 1980s. A service alley runs north and south from Arizona Avenue to Wilshire Boulevard along the western edge of the project site boundary. Two small, single-family bungalows (1915 Arizona Avenue, 1922; 1257 19th Street, 1921) are just to the west of the project location with contemporary commercial, medical facilities across the street to the southeast.

The three parcels north of the project site along 20th Street are developed as an ecclesiastical facility. The first lot (lot F; APN: 4276-013-004) immediately adjoining the project site at 1228 20th Street is a paved parking for the church at 1220 20th Street and associated school (1224 20th Street). The Los Angeles County Assessor address for both the church and school is listed as 1224 20th Street, on two tied parcels (lots E and D; APN: 4276-013-028). The school (Lighthouse Church School, established in 1983) occupies a modest Craftsman style bungalow that was built in 1922 as a single-family dwelling with paved parking at the rear that also serves as a playground. The adjacent church building to the north was erected in 1934 as the International Foursquare Gospel Church and continues to operate as a Christian Fellowship Ministries Foursquare Gospel Church (Santa Monica Foursquare Church) under the name of the Lighthouse Church. Both the bungalow and church property have been previously evaluated for historical significance as part of the City's past survey efforts. Under the most recent survey work the bungalow was found to be eligible for local designation as a City of Santa Monica Structure of Merit. The church was initially surveyed in 1994 and was evaluated as eligible for City of Santa Monica Structure of Merit recognition. The 2018 survey update reconfirmed this finding of eligibility. Both the bungalow and church are outside of the survey study area.

C. CRITERIA FOR EVALUATION OF HISTORIC RESOURCES

In assessing the historic significance of properties located within the project site (study area), various criteria for designation under federal, state, and local landmark programs were considered and applied. The California Office of Historic Preservation (OHP) survey methodology and instructions were used to evaluate the relative significance of properties.

1. NATIONAL REGISTER OF HISTORIC PLACES CRITERIA

To be eligible for listing in the National Register, a resource must be significant in American history, architecture, archaeology, engineering, or culture. Districts, sites, buildings, structures, and objects of potential significance must also possess integrity of location, design,

setting, materials, workmanship, feeling, and association. For National Register consideration four criteria have been established to determine the historical significance of a resource: [47]

CRITERIA

A property of potential significance must meet one or more of the following four established criteria:

A. It is associated with events that have made a significant contribution to the broad patterns of our history;

B. It is associated with the lives of persons significant in our past;

C. It embodies the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction;

D. It yields, or may be likely to yield, information important in prehistory or history.

A property eligible for the National Register must meet one or more of the above criteria. In addition, unless the property possesses exceptional significance, it must be at least fifty years old to be eligible for National Register listing.

INTEGRITY

In addition to meeting the criteria of significance, a property must have integrity. "Integrity is the ability of a property to convey its significance."[48] According to *National Register Bulletin 15*, the National Register recognizes seven aspects or qualities that, in various combinations, define integrity. To retain historic integrity a property will always possess several, and usually most, of these seven aspects. Thus, the retention of the specific aspects of integrity is paramount for a property to convey its significance.[49] The seven factors that define integrity are location, design, setting, materials, workmanship, feeling and association. The following is excerpted from *National Register Bulletin 15,* which provides guidance on the interpretation and application of these factors:

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[47] *Guidelines for Completing National Register Forms, National Register Bulletin 16, U.S. Department of Interior, National Park Service, September 30, 1986 ("National Register Bulletin 16"). This bulletin contains technical information on comprehensive planning, survey of cultural resources and registration in the National Register of Historic Places.*

[48] *National Register Bulletin 15, p. 44.*

[49] *Ibid.*

- Location is the place where the historic property was constructed or the place where the historic event occurred.[50]
- Design is the combination of elements that create the form, plan, space, structure, and style of a property.[51]
- Setting is the physical environment of a historic property.[52]
- Materials are the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property.[53]
- Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory.[54]
- Feeling is a property's expression of the aesthetic or historic sense of a particular period of time.[55]
- Association is the direct link between an important historic event or person and a historic property.[56]

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[50] *"The relationship between the property and its location is often important to understanding why the property was created or why something happened. The actual location of a historic property, complemented by its setting is particularly important in recapturing the sense of historic events and persons. Except in rare cases, the relationship between a property and its historic associations is destroyed if the property is moved." Ibid.*

[51] *"A property's design reflects historic functions and technologies as well as aesthetics. It includes such considerations as the structural system; massing; arrangement of spaces; pattern of fenestration; textures and colors of surface materials; type, amount, and style of ornamental detailing; and arrangement and type of plantings in a designed landscape." Ibid.*

[52] *Ibid, p.45.*

[53] *"The choice and combination of materials reveals the preferences of those who created the property and indicated the availability of particular types of materials and technologies. Indigenous materials are often the focus of regional building traditions and thereby help define an area's sense of time and place." Ibid.*

[54] *"Workmanship can apply to the property as a whole or to its individual components. It can be expressed in vernacular methods of construction and plain finishes or in highly sophisticated configurations and ornamental detailing. It can be based on common traditions or innovative period techniques." Ibid.*

[55] *"It results from the presence of physical features that, taken together, convey the property's historic character." Ibid.*

[56] *"A property retains association if it is the place where the event or activity occurred and is sufficiently intact to convey that relationship to an observer. Like feeling, association requires the presence of physical features that convey a property's historic character. . . Because feeling and association depend on individual perceptions, their retention alone is never sufficient to support eligibility of a property for the National Register." Ibid.*

In assessing a property's integrity, the National Register criteria recognize that properties change over time, therefore, it is not necessary for a property to retain all its historic physical features or characteristics. The property must retain, however, the essential physical features that enable it to convey its historic identity.[57]

For properties which are considered significant under National Register Criteria A and B, *National Register Bulletin 15* states that a property that is significant for its historic association is eligible if it retains the essential physical features that made up its character or appearance during the period of its association with the important event, historical pattern, or person(s).[58]

In assessing the integrity of properties which are considered significant under National Register Criterion C, *National Register Bulletin 15* provides that a property important for illustrating a particular architectural style or construction technique must retain most of the physical features that constitute that style or technique.[59]

2. California Register of Historical Resources Criteria

To be eligible for the California Register, a historic resource must be significant at the local, state, or national level under one or more of the following four criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; and/or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

Additionally, a historic resource eligible for listing in the California Register must meet one or more of the criteria of significance described above and retain enough of its historic character or appearance (integrity) to be recognizable as a historic resource and to convey the

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[57] *Ibid, 15, p. 46.*

[58] *Ibid.*

[59] *"A property that has lost some historic materials or details can be eligible if it retains the majority of the features that illustrate its style in terms of the massing, spatial relationships, proportion, pattern of windows and doors, texture of materials, and ornamentation. The property is not eligible, however, if it retains some basic features conveying massing but has lost the majority of the features that once characterized its style." Ibid.*

reasons for its significance. Historical resources that have been rehabilitated or restored may be considered and evaluated for California Register listing.[60]

Integrity, as considered for the California Register, is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. The resource must also be judged with reference to the particular criteria under which it is proposed for eligibility. It is possible that a historic resource may not retain sufficient integrity to meet the criteria for listing in the National Register, but it may still be eligible for listing in the California Register.[61]

3. California Office of Historic Preservation Survey Methodology

The evaluation instructions and classification system prescribed by the OHP in its *Instructions for Recording Historical Resources* provide a three digit evaluation code for use in classifying potential historic resources. The first digit indicates one of the following general evaluation categories.

1. Listed in the National Register or the California Register;
2. Determined eligible for listing in the National Register or the California Register;
3. Appears eligible for the National Register or the California Register through survey evaluation;
4. Appears eligible for the National Register or the California Register through other evaluation;
5. Recognized as Historically Significant by Local Government;
6. Not eligible for any Listing or Designation; and
7. Not evaluated for the National Register or California Register or needs re-evaluation.

The second digit is a letter code to indicate whether the resource is separately eligible (S), eligible as part of a district (D), or both (B). The third digit is a number, which is used to further specify significance and refine the relationship of the property to the National Register and California Register. Under this system categories 1 through 4 pertain to various levels of National Register or California Register eligibility. Category 5 pertains to properties that are

[60] *California Code of Regulations, California Register of Historical Resources (Title 14, Chapter 11.5), Section 4852(c).*

[61] *Ibid.*

ineligible for National Register or California Register listing, but are recognized as historically significant by local government. In addition, properties not eligible for listing or designation in the National Register, California Register, or at the local level, but perhaps are of local interest in the planning process are given an evaluation status code of 6.

4. CITY OF SANTA MONICA LANDMARK CRITERIA

Section 9.36.100 of the City of Santa Monica Landmark and Historic Preservation Ordinance authorizes the Landmarks Commission to designate properties as Landmarks. Such designation may be made provided that the subject property meets one or more of the following criteria:

- It exemplifies, symbolizes, or manifests elements of the cultural, social, economic, political or architectural history of the City.
- It has aesthetic or artistic interest or value, or other noteworthy interest or value.
- It is identified with historic personages or with important events in local, state or national history.
- It embodies distinguishing architectural characteristics valuable to a study of a period, style, method of construction, or the use of indigenous materials or craftsmanship, or is a unique or rare example of an architectural design, detail or historical type valuable to such a study.
- It is a significant or a representative example of the work or product of a notable builder, designer or architect.
- It has a unique location, a singular physical characteristic, or is an established and familiar visual feature of a neighborhood, community or the City.

D. SURVEY STUDY AREA DEFINED

The historic resources survey study area (study area) is influenced by the size, scale, location, and nature of the project, in addition to any potential direct and indirect impacts the project may have on identified historic resources. The current survey study area was defined based on anticipated potential direct and indirect effects of the proposed project on identified historic resources. The survey study area was, therefore, considered to include all parcels (improvements) within the project site as well as those parcel lots immediately adjacent to the project site unless already separated by a roadway or alley. The project site is bordered by 20th

Street (east), Arizona Avenue (south), 19th Court alley (west), and an adjacent lot to the north developed in 1991 as a driveway and parking lot.

To ensure all built-environment historic resources that may be potentially affected by the proposed project are considered those parcels within the study area that contain buildings, structures, or objects that were at least 45 years of age (or appeared to possess exceptional significance if less than 45 years old[62]) at the time of the assessment, have substantial integrity, and exhibited distinguishing characteristics or important associations known to be potentially significant were subject to intensive-level study. Upon defining the survey study four (4) properties were identified as being located within the project site or immediately adjacent to the site, as discussed in the above paragraph, and were further assessed in this report. Any properties identified as vacant parcels or developed as driveways/parking lots within the survey study area were not evaluated.

PROPERTIES WITHIN SURVEY STUDY AREA

	Address	Description	Year Built
Properties within Project Site			
1	1925 Arizona Avenue	Former Mortuary Property	1933
2	1234 20th Street	Multi-Family Building/Office Use	1956
3	1242 20th Street	Multi-Family Building /Office Use	1965
Properties Immediately Adjacent Project Site			
4	1228 20th Street	Parking Lot/Driveway (adjacent parcel to north)	1991

E. EVALUATION OF HISTORIC RESOURCES WITHIN STUDY AREA

The GKGM property (Tudor Revival style commercial building) has been previously identified and evaluated under the City's on-going historic resources survey process. It was first assessed as part of the Santa Monica Historic Resources Inventory Phase Three Survey process (1990-1993) in 1992. At that time, the property was recognized for its distinctive architectural merit and was, therefore, assigned a National Register Status Code (now the California Historical Resource Status Codes) of 5S1 (individually eligible for local designation). Following the Northridge earthquake in 1994, the property was re-surveyed for historical significance in 1995 as part of the City's assessment to determine the earthquake's overall effects to those properties listed in its Historic Resources Inventory. Though the property suffered some damage from the earthquake, repairs were made in-kind sufficiently enough to retain its City of

[62] *As defined in National Register Bulletin 15, p.42.*

Santa Monica Landmark eligibility (5S1). In 2007, under the City's Citywide Historic Resources Survey Update the property's eligibility as a City of Santa Monica landmark once again reconfirmed.

The two former apartment buildings at 1234 and 1242 20th Street, to the north of the GKGM property, have not been previously surveyed or evaluated for historical significance. The parcel to the immediate north of the project site (1228 20th Street), measuring 50 feet by 150 feet, is developed as a paved parking lot-driveway that serves the religious organization at 1220-1224 20th Street. A small semi-altered bungalow structure with an address of 1224 20th Street is located two parcels north of the project site and is used as a preschool for the church next door at 1220 20th Street. The modest bungalow structure was previously identified under the 2008 citywide historic resources survey update as ineligible for any type of designation, but was noted as "may warrant special consideration in the local planning process." The 2018 historic resources inventory update assessed the bungalow property as eligible for City of Santa Monica Structure of Merit recognition. The church building, known as the Santa Monica Foursquare Church- Lighthouse Church, was also previously assessed under prior survey efforts conducted by the City. It was identified as potentially eligible for designation under the 1994 and 2008 citywide historic resources surveys as a City of Santa Monica Structure of Merit. The 2018 historic resources inventory update also identified the church in its formal survey evaluation as a potential City of Santa Monica Structure of Merit. Both the bungalow structure and church building are outside of the survey study area and are each sited on separate yet tied parcels.

The current survey was conducted pursuant to OHP methodology, which gives a 45-year threshold for assessing properties for historical significance. During the current survey process three (3) pre-1973 properties were identified within the survey study area. Summarized findings of the three properties are listed in the following table and are discussed in the subsequent paragraphs.

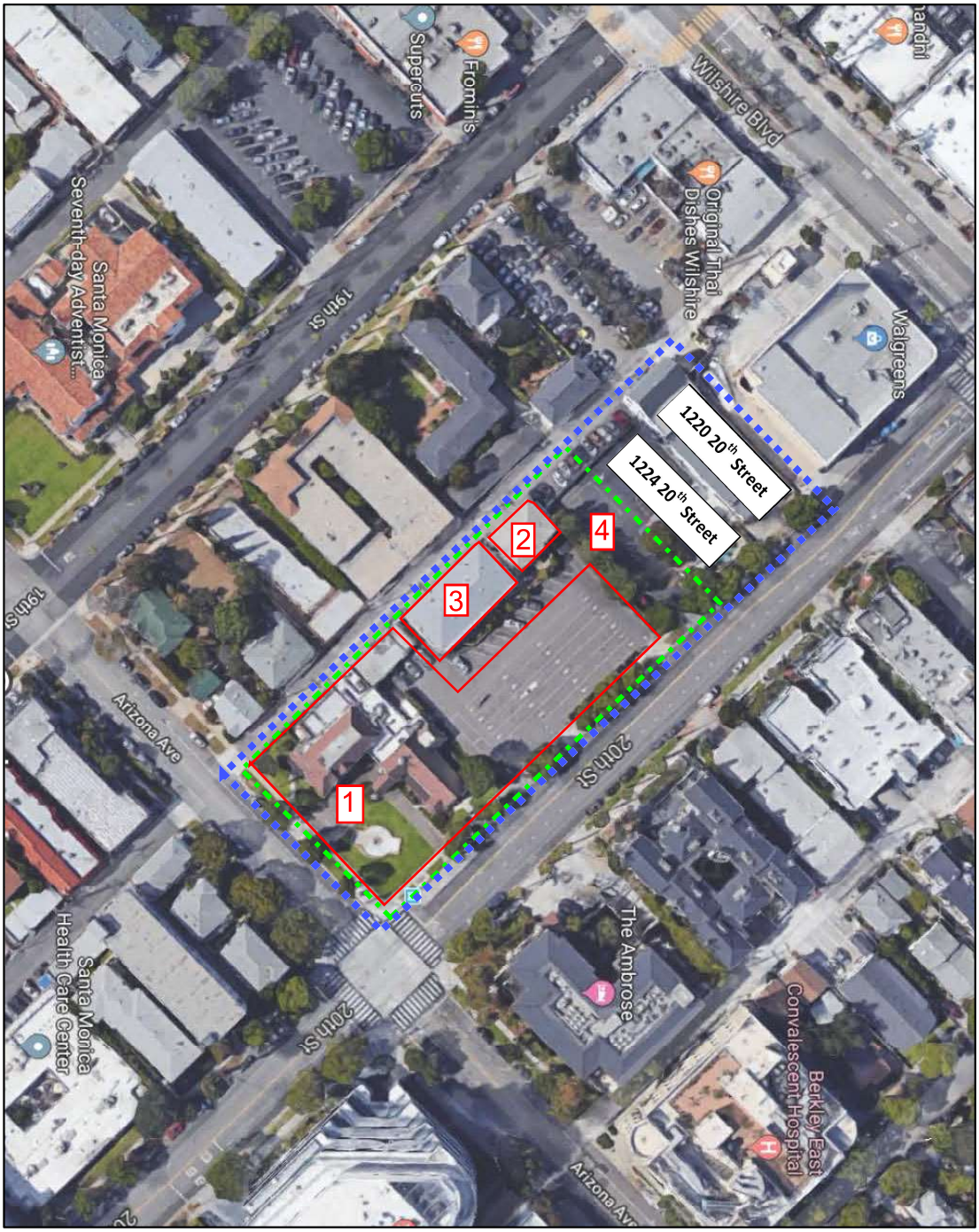
PROPERTIES EVALUATED WITHIN SURVEY STUDY AREA

Address	Description	Year Built	OHP Rating
Properties within Project Site			
1925 Arizona Avenue	Former Mortuary Property	1933	5S3
1234 20th Street	Multi-Family Building/Office Use	1956	6Z
1242 20th Street	Multi-Family Building /Office Use	1965	6Z

OHP RATING KEY-

5S3: Individually eligible for local listing by survey evaluation.

6Z: Found ineligible for National Register, California Register, or local designation by survey evaluation.



KEY: SURVEY STUDY AREA BOUNDARY ------ PROJECT SITE - - - - -

1 Former Mortuary Property, 1925 Arizona Avenue

2 Multi-Family/Office, 1234 20th Street

3 Multi-Family/Office, 1242 20th Street

4 Parcel: Parking Lot/Driveway, 1228 20th Street

FIGURE 3-1

SURVEY STUDY AREA – EXISTING CONDITIONS

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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1. Mortuary Property, 1925 Arizona Avenue

ARCHITECTURAL INFORMATION

The former Gates, Kingsley & Gates Mortuary property is situated on the northwest corner of Arizona Avenue and 20th Street, on Block 105, lots J, K, and L in the Town of Santa Monica Tract. The Tudor Revival style mortuary property also includes land that covers portions of lots G, H. and I (same block and tract), which currently operates as a paved parking lot. The subject property is located one block south of Wilshire Boulevard within a well-established residential neighborhood with medical facilities to the east and south. The mortuary ceased operation in 2016, and the building remained vacant until early 2019, when renovations took place inside the chapel and a portion of the ground floor of the administration section of the building for use as a restaurant (Café Tartine).

Completed in 1933, the two-story mortuary property, initially called the Gates Mendenhall and Gates Mortuary, integrates definitive stylistic elements of the Tudor Revival idiom into a property type for funerary use. The design of the property looks more residential than a commercial establishment in part due to its scale, massing, placement, orientation, architectural style, and landscaped front lawn.

The overall wood-frame building has an "L" shape plan and is comprised of two parts, a two-story administration section that is connected to a small, one-story chapel originally called the Little Chapel of the Dawn. The front-facing gabled administration portion of the building is set within the recessed western wing of the "L" shape structure. Decorative half-timbering and multi-pane fenestration enhances the stuccoed exterior walls of the building. In the void created by the building's "L" shape plan a landscaped lawn accented by a fountain (currently converted into a planter) is circled by a paved driveway that is spanned by a decorative porte-cochere stemming from the south elevation of the attached chapel to the east. The property is capped with a variety of roof forms, including hip, flat with parapets, shed, gable, and flat roof wall dormers. The roof is currently covered by slate-like tile shingles.

Administration – Office Wing

The administration wing consists of four general areas related to its historic use: reception room, casket showroom, preparation room, residential spaces upstairs, and offices. The main entry to the office portion of the building is via a curved concrete walkway with decorative score lines off Arizona Avenue at the southwest corner of the site. This walkway leads to the front porch and front entry door into the office lobby. Features of the porch area include non-original flagstone veneer walls, porch deck wood floor, and wood steps; an over

embellished non-original Tudor inspired porch railing of wood; multi-pane and diamond pane windows of varying size and shape; and a large panel wood door flanked by glazed side lights. The front porch is shaded by an extended awning canopy. This portion of the administrative office's south elevation is asymmetrical in design, height and volume, and composition. Stylistically and materially it includes non-original flagstone veneer cladding along the first floor; multi-pane windows set within wood-frame casings (some original window frames have been replaced); and stucco sheathing with wood half timbering details at its second floor. A tall metal illuminated pole sign that reads "Gates Kingsley & Gates Moeller Murphy" "Funeral Directors" "Office" in three separate Plexiglas panels is planted in the lawn in front of the porch area. This south elevation is considered a primary elevation because of its design, materials, features, spatial relationships, and high visibility from the public right-of-way.

The east (side) elevation of the building is similar in design, composition, and materials to its southern façade. Along the flagstone veneered first floor exterior wall plane are paired non-original multi-pane sash windows set within original wood casings; a pair of narrow windows that flank a stuccoed sheathed engaged chimney; and a secondary wood panel door entry with concrete/wood landing and wrought iron railing. A shallow planter bed and a portion of the driveway with concrete curb cut run along this side of the building. The second floor of this elevation is demarcated by a wood half-timber beltcourse, stucco plaster with vertical plank half timbering details, an extended oriel bay window, lancet louvered attic vent, and multi-pane fenestration of varying type (sash, fixed, and casement) framed by flat wood surrounds (some original wood-frame windows have been replaced). The roof line along this side of the building is varied by the incorporation of a series of steeply pitched gable ends and flat roof wall dormers. This east elevation is also considered a primary elevation because of its design, materials, features, and high visibility from the public rights-of-way.

At the intersection of the two stems of the building's "L" shape plan the two-story administration office transitions eastward to one-story as it connects to the chapel. This portion of the building fronts south and is one-story in height with a flat roof with crenelated parapet. This wall plane features stucco sheathing, two pairs of multi-pane windows, and an offset secondary access door. There is no half-timbering detail on this portion of the south-facing wall. This section of the administration office is considered a primary elevation because of its architectural design, materials, features, spatial relationships, and high visibility from the public rights-of-way.

The west (side) elevation of the building is primarily two-stories in height with an extended one-story wing that abuts the alley. This one-story section is capped with a flat roof and parapet that forms a roof deck and is accessible from a non-original exterior wood staircase. This roof deck originally provided outdoor access for the two apartment unit on the

second floor. Hence, there are also two utility type exit doors along the western elevation of the second floor that open onto the roof deck. This side of the structure is basically devoid of fenestration along its ground floor level and is punctuated by a series of wood-frame, multi-pane casement windows with wood sills at the recessed, roof deck second floor. Further to the north along this west elevation are the attached one-story garages for the mortuary. This utilitarian portion of the building is sheathed in stucco, capped with a flat roof with tiled parapet, and punctuated by two garage door openings and an offset pedestrian door. This west elevation is considered a secondary elevation.

The north (rear) side of the administration section of the building is utilitarian in its design and function. It is also one-story with a flat roof with parapet and is sheathed in stucco. It is devoid of any Tudor Revival ornamentation, but for the plastered walls. This secondary wall plane features non-original, in-kind sash and casement type fenestration with wood sills and casings, an elevated wood deck with steps and landing, a non-original secondary access door (solid flush type), and access to the attached garage.

As the building was designed as a "modern" mortuary the interior spaces of the administrative portion of the structure featured a lobby/reception room, slumber rooms, casket sales, offices and storage, a walk-in safe, bathrooms, and an embalming-prep room and dressing room for final preparations. On the second floor of the building were two apartment units where staff of the 24 hour mortuary resided and stood on-call when needed.

Little Chapel of the Dawn Wing

Set back from the street facing 20th Street, the Little Chapel of the Dawn effectively commands an important intersection of the neighborhood. This portion of the Mortuary property also incorporates stylistic elements of the Tudor Revival style in its design, features, and materials. The one-story structure is a relatively simple cruciform shape in plan with a multi-gable roof of varying height above the crossing transept and north/south transepts, nave, stunted apse, and accessory spaces. The east, south and north elevations of the chapel are considered primary elevations because of their design, materials, features, and high visibility from the public rights-of-way.

The front (east) façade is set back from 20th Street to allow for a concrete walkway with steps (replaced recently in-kind) from the sidewalk to the main entry portal of the church. Centrally located on the monumental gable end is a recessed contemporary type double push bar wood and glass entry door set between decorative engaged pilasters and a buttressed portal. Above the entry door is a large, recessed stained glass rose window (original). The wall

of this elevation is finished in a faux-brick stone finish and texture that has recently been rehabilitated in-kind.

A shed roof extension off the chapel's south (side) elevation shelters an arcaded side aisle of the nave within the structure. The exterior wall of this side aisle is punctuated by a series of wood-frame, diamond pattern glass window frames with wood sills set within Tudor (lancet) arch shape openings (recently rehabilitated in-kind). Uneven brick stone tabbed (block) surrounds frame each of the window openings and engaged buttresses separate each of the window openings into bays. A smaller side chapel space or radiating chapel room is attached to the southeast corner of the structure. This feature includes a semi-conical roof with slate-like tile shingles; canted exterior walls; and arch shaped window openings with diamond pattern glazed windows (recently replaced in-kind) set within wood casing and sills, and framed by uneven, textured stone tabbed (block) surrounds. An accessible compliant wood and glass push bar entry door to this small extension room is set within its west side along the driveway to the south. This door is also framed by uneven stone tabbed (block) surrounds. An accessible compliant concrete ramp and steps with railing runs along the exterior south elevation of the chapel and leads to the accessible compliant push bar door set within the small radiating chapel room extension.

A Tudor Revival embellished porte-cochere capped with a double gable roof extends from the western end of the chapel's south elevation. This extended roof cover is wide enough to allow automobiles to stop and then pass through and provides a cover to the side entrance into the chapel. Entrance from the porte-cochere is slightly above grade through double panel and glazed entry doors that lead into the interior space of the chapel. A pair of multi-pane, wood-frame casement windows is offset to the east of this entry.

The north (side) elevation of the chapel features a sequence of four arch shaped window openings with diamond pattern glazed windows (recently replaced in-kind) set within wood casings and sills, and framed by uneven textured stone tabbed (block) surrounds. Similar to the front façade its exterior walls are finished in a faux-brick appearance and texture. A single engaged buttress separates the north wall plane into two bays. A small hip roof wing extends from the northwest side of the chapel and features a faux-brick finished exterior wall (facing east and two narrow, recessed window frames (recently replaced in-kind) with wood sills and uneven stone tabbed (block) surrounds. A concrete walkway runs along the north side of the chapel from the front entry landing to the side access door off the small wing at the northwest side of the structure. The altered north side of this wing is punctuated by a secondary access door with a narrow concrete landing and steps that lead to the adjacent parking lot. The north and west sides of this small one-story wing are not considered primary elevations.

As mentioned, the chapel is configured in a simple cruciform plan with narthex, nave, side aisle (south), transepts (north and south), crossing transept/apse, radiating side chapel, and accessory closets/rooms. Though one-story in height the interior has a high volume cathedral ceiling over the narthex, nave, and apse areas. The original wood framing of the ceiling with ornately carved wood trusses that span over the nave and terminate with decorative corbels is exposed and is part of the Tudor Revival inspired design of the interior space. The arched shape openings that separate the southern side aisle from the nave are supported by a series of massive round columns that are embellished with crown molding and stone tabbed (block) surrounds. The lower ceiling of the side aisle consists of flat exposed wood beams and rafters as well as wide plastered beams. A plastered wall with a tall Tudor style arch shape opening divides the nave from the apse and adjoining transepts. At the west end of the apse/chapel, in what is now part of the kitchen area, is the original lancet shape stained glass window set within a recessed lancet shape alcove of the plaster wall that has now been preserved and encased as part of the adaptive reuse effort. Other historically based features of the interior space of the chapel include plaster walls with cornice molding, recessed diamond pane windows along the north wall, and a tile covered floor (over the original wood floor).

PERMIT/ALTERATION HISTORY

A review of building permits and a visual inspection of the site does confirm that portions of the property have undergone some modifications. There is no original permit on file for the property and no early drawings that document the original appearance of the mortuary facility. However, photographs of the property dating from its opening 1933, as well as from 1936, 1940, 1941, and 1942, show the property prior to any exterior changes that were made in later years. Permits that have been recorded with the City of Santa Monica include those listed in the following table:

PERMIT HISTORY: 1925 ARIZONA AVENUE

Date	Description
1932-1933	Construction of mortuary and chapel (no original permit on file)
1937	Wiring fountain
1937	Neon sign
1952	Remodel/addition to front of mortuary administration building
1956	Termite and dry rot repairs
1959	Alteration of 2 garages, prep room, and 1 slumber room (interior)
1960	New pole signs at front of administration building and at front of chapel
1960	Remove existing sign replace with new marquee sign

1969	New ground sign
1992	Entrance canopy
1994	Minor framing/exterior stucco repair/minor framing/stone repair-block work
2005	Remodel interior at lobby/hospitality room (mantel/fireplace remodel)
2018-2019	Tenant improvements: interior and portions of the exterior of the chapel structure and eastern portion of administration section of building for restaurant use

The funeral home was built in 1933 with a two-story administration building and an attached one-story chapel. The large fountain in the front lawn was added in 1937 (the fountain does not appear to have experienced any substantial changes since its construction). The ground level of the front porch of the administration building (south elevation) was extended and modified to enlarge the lobby/reception area in 1952. This work included the reconfiguration of the front entry, front porch, some ground floor windows, and the application of a flagstone veneer along its south and east elevations. This work was designed by architect Weldon Fulton to complement with the structure's Tudor Revival architectural character and was undertaken by the owners Gates, Kingsley & Gates at a cost of roughly $5,000. Despite this work the property retained much original materials, workmanship, and basic plan. Minor termite repair was noted in 1956 at a cost of $1,630. In 1959 alterations of interior area between the garage and rear portion of the administration building (preparation room and slumber room) were remodeled at a cost of $4,000. It was noted on the permit that no changes were made to the exterior of the building at that time. New illuminated signage was installed on the grounds in 1960 and 1969 (they remain unchanged since installation).

Following the Northridge earthquake in 1994, the building was damaged and a portion of the backside of the structure slipped off its foundation. The property also suffered some cracking in the foundation, damage to a chimney and roof tiles, and some wall cracking over a few interior windows and doors (location of this damage unspecified on permit). Permitted repair work for these earthquakes damages was conducted in-kind beginning in May 1994 at a cost of approximately $130,000. In 2005, the interior front lobby/hospitality reception room and adjacent arrangement offices underwent some interior tenant improvements that included remodeling of the fireplace mantel and removal of the wainscot. In the intervening years it appears that some plumbing and electrical work was also conducted on the property. In addition, some window frames have been replaced on the administration building.

Tenant improvement permits were issued in 2018 and 2019 for work associated with the adaptive reuse of the structure for restaurant use. The chapel portion of the building was recently converted into a bakery and full-service restaurant for Tartine, a San Francisco based bakery and café business. The north-south portion of the front driveway is currently utilized as

outdoor seating for the restaurant with a landscaped shaded canopy. The chapel's cruciform plan was the basis for the restaurant's interior layout and the material, colors, fenestration shapes and stucco finish details on the exterior were unchanged and repaired in-kind. The scope of work for the adaptive reuse of the chapel included the minor reconfiguration of the interior space for use as a full-service restaurant with kitchen, service counter, and dining area as well as the upgrading of electrical, plumbing, and mechanical systems, fire sprinkler and fire alarm systems, restrooms facilities, and interior and exterior accessibility upgrades necessary to meet the requirements of the new use. The restaurant opened in March 2020, and its rehabilitation work received a Santa Monica Conservancy 2020 preservation award for its in-kind rehabilitation and adaptive reuse.

HISTORICAL INTEGRITY

Some alterations have occurred to the property since it was erected in 1933. However, the building overall retains many original physical features that enable it to convey the site's distinctive property type, historic character and architectural identity. The large fountain in the front lawn area of the property was added to the site in 1937. Oversite of the fountain work was by the original owner: Gates, Mendenhall and Gates. The remodel work of the administration wing's front façade and exterior cladding modification along the east side of the administration building were completed in 1952. Similarly, the exterior work scope conducted at that time was undertaken by Gates, Kingsley & Gates, who also acted as the builder/contractor.

In addition, the adaptive reuse work recently completed for the chapel was conducted consistent with the guidelines and recommendations of the SOI Standards. Upon completion of the sensitive rehabilitation work to the chapel wing, those qualities that define and associate the overall property with its historical property type remain intact. The architectural design and Tudor Revival style of this 1930s funerary property is also still visually and physically evident despite the recent modifications to the chapel. The general layout, exterior spatial relationships, design, and material integrity remain somewhat intact.

PROPERTY SIGNIFICANCE

City of Santa Monica Criteria

In assessing local City of Santa Monica historical significance, the property appears to satisfy a number of City landmark criteria, including 9.36.100(a)(1); 9.36.(a)(2); 9.36.100(a)(3), 9.36.100(a)(4), and 9.36.100(a)(6). Despite some alterations that have occurred to the property

over the years, it retains sufficient integrity to convey its historic character and qualities that justify its eligibility as a potential City landmark.

The Mortuary property embodies distinctive architectural qualities in its design, materials, setting and craftsmanship. The design of the property is such that it fully incorporates the key elements of the Tudor Revival style in a manner that exemplifies an important property type, period of construction, and architectural idiom valuable for future study and preservation in the community. The property was intentionally designed not to overwhelm its surroundings or appear ostentatious. Like many funeral homes the original owners of the mortuary Eugene F. Gates and Clifford J. Mendenhall selected a residential area for the location of their new business. However, unlike many similar ventures, the two men selected a building form and style that complemented its immediate area rather than dominating it. Although broader than its neighbors, the mortuary property does not rise above them, thereby maintaining a complementary scale and massing to the immediate neighborhood. In addition, as seen in early photographs and building permits, there was a conscious attempt to landscape the property with a grass lawn, ornamental trees, and foundation plantings as seen in the rest of the area. Gates and Mendenhall chose to blend their new improvement into the neighborhood, their choice to make use of the Tudor Revival style successfully conveys the sense of dignity, respect, and restrained grandeur that their clients sought. As such, the property exemplifies a particular property type (funerary) in the City and strongly manifests elements of the architectural heritage and early social and diverse commercial history of the City. Hence, the property satisfies City landmark criteria 9.36.100(a)(1).

The interesting use and application of building materials in the mortuary property surpasses that of most others designed in the Tudor Revival idiom. The stylistic vocabulary of this building appears to have been strongly dictated or influenced by the contemporary trends and academic design principles of the period. Despite some alterations, the unique property is an excellent example of the Tudor Revival style as integrated into a funerary commercial enterprise. As such it visually and physically manifests the City's unique architectural heritage. Its aesthetic qualities are also recognized and are considered noteworthy as it visually and physically articulates the Tudor Revival design concepts of design. Therefore, the property satisfies City landmark criterion 9.36.100(a)(2) and 9.36.100(a)(4).

It is also associated with a person of local importance. The property is associated with Mark T. Gates, the City of Santa Monica's first mayor under the council-city manager form of government. Gates involvement with the funeral business coincided with his active participation in the local community's civic affairs. As such, the Gates, Kingsley & Gates

property is probably the last physical reminder of Mark T. Gates contribution to the community. Therefore, the property appears to satisfy Santa Monica landmark criteria 9.36.100(a)(3).

In addition, because of its distinctive architecture, property type, and siting at the northwest corner of the Arizona Avenue and 20th Street the property has a rather unique location and has become an established and familiar visual feature of the neighborhood. Therefore, it satisfies Santa Monica landmark criteria 9.36.100(a)(6).

National and California Registers

Although the property appears eligible for listing as a City of Santa Monica Landmark, it does not appear to meet the thresholds of significance for listing in the National Register or California Register under any applicable criteria. The GKGM property is not known to be individually associated with important historical events that have made significant contributions to the broad patterns of our history. Therefore, it is not eligible for listing on the California Register under Criterion 1 or the National Register under Criterion A. In addition, the former mortuary property is not known to be associated with persons important in our past. While research identified several individuals who owned the funeral home and operated its services none of the individuals appear significant enough to render the property eligible under California Register 2 and National Register Criterion B. As for architectural merit, while the GKGM property is reflective of Tudor Revival architecture and represents a mortuary property type from the period, due to several alterations, including those made along primary (front, east) elevations, the building does not rise to the level of significance necessary for listing under California Register Criterion 3 and National Register Criterion C. There is also no evidence to indicate that architect Francis D. Rutherford should be considered a master in his field; hence, the property's ineligibility for listing under California Register Criterion 3 and National Register Criterion C. Furthermore, since it is not expected to yield information important in prehistory or history the subject property is not eligible under California Register Criterion 4 and National Register Criterion D. Nonetheless, because of its local City of Santa Monica landmark eligibility the property is considered a historical resource for CEQA purposes.[63]

CHARACTER-DEFINING FEATURES

Every historic property is unique, with its own identity and its own distinguishing character. A property's form and detailing are important in defining its visual historic character, style, and significance. It is a property's tangible features that embody its significance for association with specific historical events, important personages, or distinctive architecture and

[63] *CEQA Guidelines, Section 15064.5(a)(2)-(3).*

it is those elements; therefore, that should be retained and preserved. Character refers to all those visual aspects and physical features that comprise the appearance of every historic property.

Character refers to all those visual aspects and physical features that comprise the appearance of every historic property. According to National Park Service *Preservation Brief 17, Architectural Character: Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving Their Character,* character-defining features include the overall shape of a property (building, structure, etc.), its material, craftsmanship, decorative details, and interior spaces and features (when applicable), as well as the various aspects of its site and immediate environment (form, configuration, orientation, spatial relationships).

The SOI Standards define historic character by the form and detailing of materials, such as masonry, wood, stucco, plaster, terra cotta, metal, etc.; specific features, such as roofs, porches, windows and window elements, moldings, staircases, chimneys, driveways, garages, landscape and hardscape elements, etc.; as well as spatial relationships between buildings, structures, and features; room configurations; and archaic structural and mechanical systems. Identifying those features or elements that give a historic property visual character and which should be taken into account and preserved to the maximum extent possible is important in order for the property to maintain its historical significance.

The character-defining features associated with the Gates, Kingsley & Gates property are those exterior features that reflect and define its important historical associations and Tudor Revival style architectural qualities. Private interior areas of buildings are not usually included in environmental assessments since oversight of such spaces under CEQA and the local regulatory agency is limited and not typically part of historical reviews. The exterior character-defining features identified for the subject property include, but are not limited to, those features listed in the following table:

CHARACTER-DEFINING FEATURES: GATES, KINGSLEY & GATES PROPERTY

Mortuary Property, Overall Visual Aspects of Property

- Prominent, highly visible location on the northwest corner of Arizona Avenue and 20th Street
- Two building components characterized by similar architectural style (Tudor Revival), scale and massing, proportions, and materials grouped collectively and composed of a single improvement
- Generous set back from both Arizona Avenue and 20th Street with unobstructed view of the property from the public right-of-way
- Landscape lawn, large low-scale fountain (currently converted into a planter), and concrete

curbed planter beds along south elevation of building

- Paved "L" shape driveway with slight raised concrete curbs and gentle curve at west end of porte-cochere with pass-thru access from Arizona Avenue and 20th Street (width; length; [historical] function; grade; material; shape; and spatial relationship between buildings, landscaped grounds, and street access)

Mortuary, Administration Section

- Overall mass, scale and proportion, configuration and orientation, and "L" shape plan as viewed from Arizona Avenue, 20th Street, and the intersection of the two streets
- Original design elements and materials associated with the Tudor Revival style as applied to the building
- Steeply pitched hip roof with decorative gable ends and slate-like shingle roof (originally slate)
- Decorative half-timbering integrated into smooth plaster stucco along south, west and east elevations
- Exterior smooth stuccoed sheathing (material, texture, finish, viscosity, period-appropriate color) on east, west, south and north walls
- Asymmetrical design, height, volume and composition at south and east elevations
- Multi-pane fenestration with wood sills, casings, surrounds, and trim
- Fenestration placement, size, shape, and type along south and east elevations
- Stucco sheathed chimney on east elevation (material, use, design, shape, form, width, height)
- Oriel bay windows
- Irregular roof line with flat roof wall dormers
- Crenelated parapet at one-story south elevation

Mortuary, Little Chapel of the Dawn

- Overall mass, scale, proportion, height, shape, configuration, volume, and plan of the chapel building as viewed from Arizona Avenue, 20th Street, and intersection
- Three primary elevations: south (side), north (side), east (front)
- Exterior smooth stuccoed sheathing (material, texture, finish, viscosity, color)
- Multi-gable roof with slate-like shingle roof (originally slate)
- Varied roof lines along east, west, south and north elevations: height, configuration, width and length along north, east, and south elevation
- Stepped decorative steeple (tower) of concrete and stucco sheathing
- Concrete walkway from 20th Street sidewalk to front (east) chapel landing (materials, design, function, location and placement)

- Concrete walkway along north (side) elevation of chapel (materials, design, function, location and placement)
- Porte-cochere with double gable roof: size, placement, configuration, materials, finishes, textures, and features (including underneath ceiling features and material)
- Buttressed front (east elevation) gabled portal with planked wood door, engaged pilasters, stained glass rose window, and faux-brick appearance and texture
- Main front concrete landing at front (east) of chapel including steps
- Side aisle (south) shed roof extension and slate-like shingle roof
- Fenestration type, shape, material, location and placement (location and depth of placement, etc.), form, and glazing reflection and type along south, north, and east elevations
- Wood-frame diamond pattern glass windows frames with wood sills set within Tudor (lancet) arch shape openings along south elevation of chapel
- Engaged buttresses along south, east, and north elevations of chapel (material, finishes, texture, style, form and shape, placement, function)
- Uneven brick stone tabbed (block) surrounds around door and window openings (material, finishes, texture, style, form and shape, placement, function)
- Entry doors along primary elevations, including but not limited to those at chapel's porte-cochere, small semi-octagonal shape radiating side chapel (south side), front main entry (east), and east elevation of hipped roof north transept (size, shape, use/function, type, material, finish, texture, trim, thickness, hardware, and glazing)
- Small radiating semi-octagonal side chapel at southeast corner of chapel with fenestration and door details (shape; placement/location; roof type and covering; fenestration type, material, finishes, size and shape, and associated trim; siding material, texture, form, design, finish; access door type and door opening size , shape, and trim)

2. Apartment Building, 1234 20th Street

Architectural Information

According to the county assessor records 1234 20th Street property is listed under the 1242 20th Street address as both 1234 and 1242 20th Street share the same legal description (Town of Santa Monica Tract, SW 80 feet of lots G, H, and I, Block 105). Despite its legal boundary association with its neighbor to the south it does; however, have its own separate mailing address of 1234 20th Street. The two-story triplex was built in 1956 with integrated garages on both the east and west elevations. The building is now currently leased for office space, but was previously used as residential apartments until 2016 when they became vacant. Of wood-frame construction, the building with roughly 1,912 square feet of habitable space was erected as rental income for then owner the Gates, Kingsley & Gates Mortuary. The original permit was not uncovered for this assessment, but the multi-family structure was

designed with some minor Minimal Traditional influences. The stucco sheathed building has a substantial set back from the street and fronts east towards the paved parking lot and 20th Street. The apartment is capped with a hipped roof with limited eave overhang. At the ground level is a single apartment unit that is offset to the south and two internal garages are to the immediate north. An exterior staircase with metal railing leads to two additional units that are situated over the garages and downstairs unit. As a decorative feature, the upstairs level of the front façade is clad in wide horizontal wood siding. Under the staircase is access to the small laundry room. Fenestration includes metal framed windows of varying size and type along the front, both side walls, and rear elevation. Window types include fixed, casement, sliders and jalousie. It is apparent that some windows have been replaced with new metal framed windows within the existing window openings. Four additional integrated garages are at the rear (west) of the building and are accessed from the alley. In reviewing city directories, tenants over the years have included blue and white collar workers, students, widows, retirees, and others. A tall concrete block wall separates the apartment building and the parking lot to the east.

BUILDING SIGNIFICANCE

There is no information to indicate that the 1234 20th Street apartment building has made a significant contribution to the broad patterns of our history. In addition, research has not shown that it is associated with the lives of persons important in our past (local, state, or national history). While the wide wood siding, stucco, and hip roof are elements of a simplified Minimal Traditional style, the building as a whole is nothing more than a box with limited surface treatment along all four elevations. In addition, there is no indication to expect the property to yield information important in our past (history or prehistory). Therefore, the property does not satisfy the significance criteria required for listing in the National Register or California Register or for City of Santa Monic landmark recognition. For the purposes of CEQA, this property is not considered a historical resource. The property has an OHP California Historical Resource Status Code of 6Z (ineligible for any type of landmark designation).

3. APARTMENT BUILDING, 1242 20TH STREET

ARCHITECTURAL INFORMATION

The two-story apartment building to the immediate south of the 1234 20th Street multi-family structure is located behind the mortuary to the north. Similar to its residential neighbor at 1234 20th Street it has a substantial set back from the street. The building is now currently leased for office space, but was previously used as residential apartments until 2016 when they became vacant. The improvement was also built as rental income for the Mortuary business in 1965. Designed by local architect James Mount, the wood-frame structure was constructed with seven apartment units and no garages (5,432 square feet). Apparently, it was assumed

that the parking lot to the east was to also serve as parking to the tenants of this building. With slight inflections of the Minimal Traditional style in its design and materials the building features a rectangular plan, hip roof with minimal eave overhang, stucco sheathing, and metal framed fenestration. The primary (front, east) elevation is punctuated by a series of entry doors and large plate glass windows. Access to the second floor units is via two exterior staircases; one that runs along the south (side) elevation and the other set at the northeast corner of the building. A small garden area and walkway abuts the front of the building, as does a tall concrete block wall.

BUILDING SIGNIFICANCE

In assessing potential historical significance of the 1242 20th Street property it does not appear to rise to the thresholds of significance for National Register, California Register, or Santa Monica landmark designation. The property does not possess sufficient historical importance or architectural merit to warrant such designations. The integrity of the building is still good, but it is not a distinctive or unique example of any particular style, period or method of construction. It also does not represent the work of a master. In addition, the apartment building does not have any known associations with any persons or events important in local, state, or national history. There is also evidence to indicate that the property would yield or is likely to yield information important in history or prehistory. For the purposes of CEQA, this property is not considered a historical resource. The property has an OHP California Historical Resource Status Code of 6Z (ineligible for any type of landmark designation).

4. ANALYSIS OF PROJECT IMPACTS

A. THRESHOLDS OF SIGNIFICANCE/CRITERIA FOR ADVERSE IMPACTS

1. CEQA GUIDELINES

Under CEQA, a proposed project must be assessed to determine how it may impact the potential eligibility of a property identified as a historic resource. The thresholds for determining the significance of environmental effects on historical resources are derived from the State *CEQA Guidelines*, as defined in Section 15064.5. The *CEQA Guidelines* state that a project involves a "substantial adverse change" when one or more of the following occurs:

- Substantial adverse change in the significance of a historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.[64]
- The significance of a historical resource is materially impaired when a project:[65]

    a. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or

    b. Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in a historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

    c. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

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[64] *State CEQA Guidelines, 14 CCR Section 15064.5(b)(1).*

[65] *State CEQA Guidelines, 14 CCR Section 15064.5(b)(2).*

As such, substantial adverse effects may include, but are not limited to, physical destruction or damage to all or part of a historic property caused by vibration and/or sound; removal of the property from its historic location; isolation from or change of features within the property's historic setting; visual, atmospheric or audible intrusions; foreseeable effects that may occur later in time or farther removed in distance; and cumulative effects.

To be eligible for listing in the National Register and California Register, and as applied at the local level, a property must not only be shown to be historically significant under the applicable criteria (federal, state and local), but it must also have sufficient historical integrity. Integrity is defined as the ability of a property to convey its significance. Pursuant to CEQA, projects that may compromise the integrity of a property, and therefore, compromise its historical significance may be considered adverse.

The SOI Standards are codified at 36 Code of Federal Regulations (CFR) Section 67.7. The SOI Standards are designed to ensure that rehabilitation does not impair the significance of a historic property. In most circumstances, the SOI Standards are relevant in assessing whether there is a substantial adverse change under CEQA. Section 15064.5b(3) of the CEQA Guidelines states in part that "... a project that follows the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings or the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (1995; rev 2017), Weeks and Grimmer, shall be considered as mitigated to a level of less than a significant impact on the historic resource."

2. Secretary of the Interior's Standards for Rehabilitation

As stated above, projects that may affect historic resources are considered to be mitigated to a level of less than significant, if they conform to the SOI Standards. Projects with no other potential environmental impacts qualify for a Class 31 exemption under CEQA if they meet the SOI Standards.[66]

The definition of "rehabilitation" assumes that at least some repair or alteration of a historic property will be needed in order to provide for an efficient contemporary use or maintain its historic use. However, these repairs and alterations must not damage or destroy materials, features, or finishes that are important in defining a property's historic character and significance.

[66] *14 CCR Section 155331.*

The ten standards for rehabilitation are as follows:

1. A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.

2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize a property will be avoided.

3. Each property will be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

4. Changes to a property that have acquired historic significance in their own right will be retained and preserved.

5. Distinctive materials, features, finishes and construction techniques or examples of craftsmanship that characterize a property will be preserved.

6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive historic feature, the new feature will match the old in design, color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

7. Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.

8. Archaeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.

9. New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterized the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale, and proportion, and mass to protect the integrity of the property and its environment.

10. New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

The SOI Standards were developed by the NPS to assist property owners and managers in rehabilitating their historic properties. The SOI Standards contain a specific hierarchy for decision-making in assessing the rehabilitation of any historic building. First, the significant materials and features of a property must be identified. Then a method for their retention and preservation must be found. If the physical condition of character-defining materials warrants additional work, repair is recommended. If deterioration or damage precludes repair, then replacement can be considered.

In addition to the rehabilitation of character-defining features, the SOI Standards also address alterations and additions to historic properties, as well as retrofitting properties for health and safety requirements. Some alterations to a historic property may be needed to assure its continued use; however, these modifications should not obscure or destroy important character-defining features of the property or jeopardize those qualities that justify or convey the property's historical significance.

B. PROJECT DESCRIPTION

As described in Chapter 2.0, Project Description, of this Draft EIR, the Wellness Center Project (proposed project) would involve the development of an approximately 67,513 square foot (sf) facility dedicated to medical research and development and an office and outpatient "Wellness Center" located at 1242 20th Street in the City of Santa Monica. The proposed project would include 59,548 square feet of new construction and the adaptive reuse of approximately 7,965 square feet with the existing GKGM building. The proposed Wellness Center would provide research & development (R&D) uses, clinic/office space, and meeting space within the City's HMU District.

The proposed project would also rehabilitate exterior portions of the historic GKGM property located at 1925 Arizona Avenue in a manner consistent with the SOI Standards. Exterior work associated with the adaptive reuse of the GKGM Building would include the removal of the non-original stone veneer along the south (front) and east elevations of the structure in order provide architectural details (stucco sheathing and, as necessary repair/replacement of damaged non-original windows) more appropriate to the building's period of significance. Additionally, the exterior door along the interior driveway side of the administrative portion of GKGM Building would be replaced. Curb cuts that allow vehicular access to the L-shaped driveway would be removed and vehicular use of the driveway would be

eliminated, allowing for the continued use of outdoor seating for the restaurant. Lastly, a portion of the existing walkway near the chapel would be removed and replaced with bicycle parking. It is also the goal of the project to ensure the proposed work scopes are compatible with the historic character of the historic resource and are consistent with the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings* or the *Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (2017), by Weeks and Grimmer, revised by Grimmer (2017); herein referred to as the SOI Standards.

1. PROJECT CHARACTERISTICS

The proposed project would involve the demolition of three buildings (parking garage, 3-unit building, and 7-unit building), and surface parking lot, as described above in Section E. (see Figure 4-1, Existing Conditions/Demolition Plan).

Under the proposed project, the 3,356 square feet of recently opened full-service Tartine restaurant located within the GKGM Building would remain and would not be altered by project activities. The remaining unused space within the GKGM Building would be adaptively reused for research and development use as a part of the larger Wellness Center. The proposed project would include the construction of a new 3-story building located adjacent to the north of the GKGM Building, which would be up to 45 feet tall, not including parapets and roof appurtenances. The project would comprise approximately 68,802 square feet of new floor area (excluding terraces and utility support space) within the new building, with three floors housing approximately 49,990 square feet of new research and development (R&D), and one floor housing approximately 18,812 square feet of new clinic/medical office uses. In total, the proposed Project would include 72,812 square feet of R&D and clinic/medical office uses, which includes the adaptive reuse of approximately 4,010 square feet within the GKGM Building. In addition, a five-level subterranean parking garage is also proposed below the new building and would provide usable R&D space on the first level (Level P1). Specific components of the proposed project are summarized in the following table.

The new Wellness Center is envisioned to accommodate a range of traditional to cutting edge medical research activities, providing spaces for laboratory modules, specialized equipment, medical archives, and both private and collaborative office spaces for staff. Medical clinic and office functions such as outpatient care are also anticipated, and would require flexible spaces for patient treatment and administration. To accommodate educational and community-oriented programming on topics of healthcare and wellness, there will also be flexible meeting and gathering spaces throughout. The aggregate vision is to

build a versatile medical facility of the future, to adapt to tomorrow's healthcare and wellness needs.

2. PROJECT DESIGN

NEW CONSTRUCTION

The "new construction" work proposed for the project site would be conducted along the secondary elevations of the existing Tudor style GKGM building in order to avoid direct adverse impacts to the identified character-defining features of the historic resource and its historic qualities overall. Such work would include the construction of a new building north of the GKGM building (generally occupying the area where the two former apartment buildings and paved parking area are located). The new construction would be comprised of three stories above grade with a height of roughly 45 feet, not including parapets and roof appurtenances. In addition, a five-level subterranean parking garage would be provided below the new construction with usable research and development space on the first level (see Figure 4-2, Project Design Rendering).

The proposed new construction would incorporate a contemporary design to ensure compatibility of the proposed building with the existing Tudor style GKGM property and its surrounding context, both on-site as well as from the neighborhood block perspective along 20th Street and Arizona Avenue. The new construction is designed as an irregular-shaped building with a strategic carve-out of massing at the southeastern orientation, where the building interacts most with both the existing Tudor style GKGM property to the south and the street level pedestrian experience. There are a series of stepped semi-public terraces, which serve to further set back the perceived height of the upper stories, as well as to activate the 20th Street façade with human activity at every level. At the ground level, the opening is experienced as a secondary plaza and gathering place between the new building and historic property; the first being the original open space area at the corner of Arizona and 20th Street.

The design of the new building includes the removal of oblique 'slices' of building mass, from both the ground level on 20th Street and the third level facing northeast. A large open courtyard between the GKGM property and new health building is paved and features buffers of landscape planters along the primary elevations of the new construction. The resulting outdoor spaces provide a subtle transition between new and old and further softens the rectangular massing and overall presence of the new structure.

The new building is proposed with a façade consisting of textured limestone panels and glazed windows with metal panel surrounds, to be compatible with, but differentiated from, the existing Tudor style historic property. The new building's expansive glazed curtain wall system with landscaped planters proposed along 20th Street is applied to only the ground level, allowing the upper levels to have more relatable dimensions of glazing. Upper story fenestration includes a series of large recessed elongated windows flanked by metal panel windows surrounds. These windows are separated by concrete wall panels that further articulate the subtle yet contemporary design of the new addition. Other cladding materials for the new construction include the use of stucco and concrete wall panels. The design, setback, placement, massing, scale and proportion have also been considered in terms of compatibility with the GKGM property and its associated character-defining features. The final architectural materials will be proposed and determined during a design review process with the City's Architectural Review Board.

MORTUARY PROPERTY

As a primary objective of the project, the proposed rehabilitation work on the GKGM property is intended to ensure that it would retain those qualities that justify its eligibility for local landmark designation and as a historic resource under CEQA. It is anticipated that the proposed exterior work, while limited, would retain, rehabilitate, and repair some of the key identified character-defining features of the GKGM property.

The currently unoccupied interior spaces of the existing Tudor style GKGM building (administration wing) would be reconfigured to accommodate the new uses of the project. The large fountain at the southeast corner of the property within the grassy lawn area would remain as it has been recently converted into a planter. The attached four-car garage of the GKGM building and both of the adjacent two-story buildings (non-historic structures) currently used as commercial office space would be removed for the construction of a new large, three-story contemporary style health and wellness facility with underground parking.

The proposed project would rehabilitate exterior portions of the historic GKGM property located at 1925 Arizona Avenue in a manner consistent with the SOI Standards. Exterior work associated with the adaptive reuse of the GKGM Building would include the removal of the stone veneer along the Arizona Avenue-facing side of the building in order provide architectural details more appropriate to the original construction period. Additionally, the exterior door along the interior driveway side of the administrative portion of GKGM Building would be replaced. Curb cuts that allow vehicular access to the L-shaped driveway would be removed and vehicular use of the driveway would be eliminated, allowing for the continued use of outdoor seating for the restaurant. Lastly, a portion of the existing walkway near the chapel would be removed and replaced with bicycle parking.

Under the proposed project, no work is anticipated for the chapel wing. This portion of the mortuary building was recently rehabilitated in-kind for adaptive use as a full-service restaurant (Tartine). The scope of work for the recent adaptive reuse of the chapel wing included the minor reconfiguration of the interior space for use as a restaurant with kitchen, service counter, and dining area as well as the upgrading of electrical, plumbing, and mechanical systems, fire sprinkler and fire alarm systems, restrooms facilities, and interior and exterior accessibility upgrades necessary to meet the requirements of the new use. In-kind stucco repair, replacement of window frames and front entry door, and complementary painting of the mortuary building was also part of the rehabilitation work conducted under prior tenant improvement permits.

3. Access, Parking, and Circulation

The main building entrance and primary pedestrian access is proposed to be located along 20th Street, situated mid-block between Arizona Avenue and Wilshire Boulevard, and in close proximity to the existing chapel building.

Vehicular access for the project is proposed from the alley side to the west side of the project site, accessible from both Arizona Avenue and Wilshire Boulevard, pursuant to current guidance from the City's site design standards. A 24-foot wide access drive aisle would provide vehicular ingress and egress into the subterranean parking garage. The unused existing curb cuts located along 20th Street would be removed.

The proposed on-site parking garage would provide five subterranean parking levels and would provide approximately 275 vehicular parking spaces. The upper two subterranean levels, P1 and P2, would provide both self-park and valet services for patrons and visitors, as well as a mix of ancillary uses such as building operational and storage spaces, trash and recycling rooms, bicycle parking and storage, employee locker and shower facilities, and maintenance functions. The lower three parking levels, P3 P4 and P5, would provide additional visitor and employee parking spaces.

Commercial deliveries, including medical and office supplies, would also occur from the alley side (19th Court), from a separate 18-foot 10-inch wide access area. In addition, a minimum of one 30-foot by 12-foot loading area would be provided off 19th Court. Any medical waste hauling operations would be accommodated through specialized, licensed operators from on-site, inspected facilities.

4. UTILITIES/SERVICES

Electrical service for the proposed new construction would be provided by Southern California Edison (SCE) and the transformer would be located in a vault and within electrical storage rooms on subterranean level P1. Natural gas service would be provided by Southern California Gas Company. Water, sewer, solid waste disposal, and police/fire services would be provided by the City. Trash and recycling collection facilities would be provided within enclosures along 19th Court, as required by the Santa Monica Municipal Code. Medical-related waste, in the event it is generated, would be stored on-site per regulatory and industry procedures and transported off-site by qualified vendors in accordance with applicable regulations. The design and placement of any proposed utilities on or closely adjacent to the historic GKGM building have not been specified or illustrated under the current concept (schematic) proposal. It is assumed that such services, including the installation of electrical vaults or storage rooms and service lines shall be substantially setback along secondary elevations of the historic resource out of sightline from the public rights-of way along Arizona Avenue or 20th Street.

5. LANDSCAPING

There are on-site trees and off-site street trees on the City sidewalk along the boundaries of the project site. The off-site street trees are part of the City's planting program and not native originating (natural to the location). There are approximately nine existing City street trees, including six on 20th Street and three on Arizona Avenue. In coordination with the City's Urban Forestry manual, all of the street trees would be evaluated to either remain or be substituted during project implementation. Pursuant to the Santa Monica Municipal Code (SMMC) Chapter 7.40, Tree Code, no street trees shall be removed without having first obtained a City permit authorizing such work.

The on-site trees are ornamental to accentuate the existing structures on-site, and will be updated for the proposed project under a new landscaping plan. Significant changes to the existing landscaping are not anticipated. The specifics of the proposed plan, including planting species, quantities and placement on-site, will be proposed and reviewed under the formal City design review process.

Within the GKGM property grounds the grassy lawn at the front of the existing GKGM property also contains a large fountain that is considered a character-defining feature of the historic resource. This fountain was converted into a planter as part of the 2019-2020 tenant improvement work associated with the new restaurant (Tartine), which occupies the chapel wing of the former mortuary building. Development of the project site would also include

landscaping of the grounds with a variety of ornamental plants, shrubs, and trees; in addition to some complementary hardscape features.

6. SUSTAINABILITY

The proposed project would, at a minimum, comply with the sustainability requirements included in the State and City Codes. The sustainability design features include the following:

- Energy efficient heating, ventilation, and air conditioning (HVAC) system that meets or exceeds the SMMC requirements
- Light-emitting diode (LED) lighting
- Low-flow plumbing equipment (including waterless urinals, two flush toilets, and automated restroom faucets)
- Energy management system (EMS) to control lighting and HVAC
- Occupancy sensors to control lighting and HVAC
- Lighting and HVAC systems capable of demand response
- Electronically communicated motors (ECM) for small HVAC units
- Waste recycling
- Sustainable furniture
- Low volatile organic compounds (VOC) paints and stains, fixtures, and equipment
- Electric vehicle parking in accordance with the City's minimum requirement

C. PROJECT OBJECTIVES

As required under Section 15124(b) of the State *CEQA Guidelines* the objectives for the proposed project as identified by the applicant include the following:

- Historic Resource Preservation: Implement a project that will preserve the historic character of the existing funeral home/chapel building by adaptively reusing a significant portion of the structure for new uses on-site in compliance with the Secretary of the Interior's Standards for the Treatment of Historic Properties;;

- Medical Research Advancement and Community Wellbeing: Develop a state-of-the-art modern facility for medical research and related uses that would advance medical research/knowledge and promote the health and wellbeing of the community;

- LUCE Consistency and Implementation: Develop a transit-oriented and pedestrian-oriented medical wellbeing project that is consistent with the HMU district and implements the City's LUCE, including high-quality architectural design, sustainable building design, pedestrian orientation, publicly accessible open space and green space, vehicle trip reductions through transportation demand management, and other community benefits.

- Pedestrian Oriented Design: Contribute to the existing neighborhood and create a pedestrian-oriented design along the 20th Street frontage. Provide design elements such as large, transparent windows, publicly accessible open space, and thoughtful landscaping improvements to create a continuous and pleasant pedestrian experience between Wilshire Boulevard and Santa Monica Boulevard.

- Mobility and Circulation: Provide an access plan that would promote safe and efficient circulation of vehicles to and around the site with sufficient on-site parking to accommodate the peak needs of the complementary combination of uses. Minimize the number of vehicle trips to the site by encouraging use of public transportation, carpools, electric and natural gas vehicles, bicycles, and walking. Provide ample on-site bicycle storage facilities for employees, patrons, and visitors.

- Architectural Design: Ensure high-quality architectural design that is compatible with the existing funeral home/chapel and the site's surroundings by incorporating design features such as setbacks, varied massing elements, and complementary materials.

- Sustainability: Build new and modern energy-efficient construction that meets the latest building and energy codes and eliminate contaminated urban runoff into the City's drainage system from the existing paved surface parking lot.

- Employment, Economic, and Fiscal Benefits: Provide an economically viable project that would contribute to the economic health of the City by attracting future medical and healthcare businesses that will generate local tax revenue,

provide new construction jobs, and house new residents to support local businesses, including dining, shopping, and entertainment venues.

- Community and Project Benefits: Provide substantial and meaningful community and project benefits that are aligned with the LUCE, including publicly accessible ground floor open space, enhanced open space opportunities for employees and visitors, transportation demand management, high-quality architectural design, sustainability, payment of a transportation infrastructure fee, encouraged use of public transportation, bicycling and walking, enhanced pedestrian-oriented design features such as widened walkways, outdoor seating and public use areas, pedestrian-oriented uses along street frontages, and local hiring.

D. ANALYSIS OF PROJECT IMPACTS TO HISTORIC RESOURCES

A conceptual (schematic) plan/illustration packet for the project has been formulated to represent a potential development scenario that depicts the basic intent of the project. While the precise details of design have not been definitively determined, the conceptual plan/illustration represents the most current development scenario under evaluation and consideration.

The proposed project has the potential to directly and indirectly impact a historic resource, namely the GKGM property, in three regards. The rehabilitation and adaptive reuse of the GKGM property, the demolition of the mortuary garage, and construction of a new three-story building with subterranean parking at the historic property's north side could result in direct and indirect impacts to the resource. Provided in the following paragraphs are narratives of the project components related to potential impacts to the identified historic resource.

1. GATES, KINGSLEY & GATES MORTUARY PROPERTY, 1925 ARIZONA AVENUE

PROPOSED REHABILITATION

The proposed project involves the in-kind rehabilitation and reuse of a portion of the Tudor style Gates, Kingsley & Gates Mortuary property. Much of the work proposed would include the rehabilitation of exterior features along primary (south and east) elevations of the GKGM building's administration wing and the reconfiguration and adaptive use of its interior spaces. The one-story chapel wing of the GKGM building, which currently houses a full service restaurant, would remain as currently configured and would continue to be utilized as in the existing condition. No work to the chapel wing is considered under the proposed project.

The work proposed for the exterior of the administration wing would remove the exterior stone veneer that currently clads the east and south walls (primary elevations) of the building at the first floor, which is a non-character-defining feature, in order to restore portions of the structure's original design scheme and appearance dating from 1933, its date of construction. Additionally, the exterior door along the interior driveway side of the administrative portion of GKGM Building would be replaced. Curb cuts that allow vehicular access to the L-shaped driveway would be removed and vehicular use of the driveway would be eliminated, allowing for the continued use of outdoor seating for the restaurant. Lastly, a portion of the existing walkway near the chapel would be removed and replaced with bicycle parking.

As conceptually proposed, all identified exterior character-defining features would be preserved in place; many would be restored in-kind; repaired, as necessary; or replaced in-kind depending upon condition. As an additional scope, the existing garage (a secondary structure) located at the rear of the administration wing along the alley would be removed to provide additional space for the proposed new construction work, which would then act as a transitional connection point between the old and new buildings.

The proposed project plans, including rehabilitation work to the GKGM property, is currently considered a concept design with limited work scope detail specificity provided at the time of the environmental review. As the schematic plans reviewed for this EIR are considered conceptual and such plans are subject to further refinement, it is possible that final project design could include elements that would result in a potentially significant impact to the historic resource. Therefore, mitigation measures are required to implement this aspect of the proposed project to ensure that potential impacts to the GKGM property are reduced to less than significant.

PROPOSED DEMOLITION

Under the proposed project, the one-story garage structure attached to the rear of the GKGM building's administration wing would be removed to allow for the construction of a new three-story building with five subterranean parking levels onto the project site to the north. The garage is considered an ancillary accessory structure along a secondary elevation of the Tudor style GKGM building and its removal would not jeopardize the property's significant historical associations or integrity in relationship to its architecture and design, location, property type, and character-defining features. The proposed demolition work would require the use of typical construction equipment, such as backhoes, to break up and remove existing building materials, concrete and asphalt; heavy equipment such as bulldozers and excavators; and heavy trucks to haul away large amounts of debris. As a portion of the historic resource will be demolished and is also closely adjacent to where additional demolition activities will take place, it could

potentially be subject to detrimental vibration impacts. Within the project site, implementation of MM-NOI-2 would reduce ground-borne vibration impacts on the on-site historic GKGM building to a less than significant level.

Demolition is also proposed for the removal of the two non-historic apartment buildings and associated concrete block privacy walls as well as the paved parking to the north of the GKGM property. The demolition of the apartment buildings, concrete block walls and paved parking lot would not cause a substantial adverse change to the historic qualities of the GKGM property. Therefore, mitigation measures are not required for this particular scope of work as it is considered a less than significant impact.

PROPOSED NEW CONSTRUCTION

Because the proposed project includes construction of a large three-story building with five subterranean levels of parking adjacent to an historic resource, three types of potential impacts are examined: 1) direct impacts related to construction methods; 2) indirect impacts related to the design of the new adjacent construction; and 3) indirect impacts related to the location, scale, and massing of the new construction adjacent to the historic property.

Construction Methods

Construction methods have the potential to directly affect the historic materials and features of the GKGM property. Standard 5 of the SOI Standards states that "distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved." Damage caused by the construction of the new adjacent improvement could potentially violate this Standard, resulting in an adverse impact. In order to meet the SOI Standards, methods used for preparing the site and building the new structure should not damage the historical resource. In particular, work involving excavation, shoring, and grading of the project site have the potential to cause substantial vibration, undermining walls and footings of the historic building. As there is a potential for construction methods, specifically vibration impacts, to damage the historic GKGM property, compliance with MM-NOI-2 would reduce any potential construction method impacts to a less than significant level.

Design of New Construction

The proposed conceptual design of the new construction at the rear of the GKGM property and its construction behind the historic resource has the potential to disrupt or distract from the historic character of the property visually and physically. Design issues are referenced in SOI Standards 9 and 10 for Rehabilitation.

The baseline for appropriately designing new construction in the vicinity of historic resources is articulated in SOI Standard 9:

> "New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment."

Standard 9 requires that new construction be "differentiated from the old" and "compatible" with the historical resource. Guidelines for implementing the SOI Standards further state that the scale, massing, height, materials, and color of new construction should be visually compatible with the character of the adjacent historic building, and should preserve the relationships between the building and site features. This allows for flexibility in applying the SOI Standards to local conditions and specific circumstances on a case-by-case basis. New construction improvements that are compatible with historic buildings should not necessarily mirror the surface appearance of the existing building, but may respond to, and can reveal subtle underlying principles in the historic architecture and the setting of the site.

Under the proposed project, a new contemporary style three-story, 45 foot tall new building (57 feet with mechanical screen walls) comprising approximately 59,548 square feet would be constructed behind (north of) the existing GKGM building. A portion of this new improvement would be attached onto the northwest side (rear) of the GKGM building's administration wing. To implement this part of the project, the ancillary portion of the former funeral home composing mainly of the building's attached garage, as well as the two non-historic residential apartment structures to the north, all concrete block walls on-site, and the paved parking lot behind the GKGM property would be removed.

The new construction proposed consists of a large irregular rectangular shape building capped with a flat roof with perforated screened mechanical equipment on top and five basement levels of subterranean parking. Design features and materials of the new work includes the use of large limestone panel cladding, stucco sheathing at its north elevation, expanses of glazed windows and doors, a variation of solids to voids on all levels with concrete panels separating the recessed fenestration along the upper floors, limited architectural ornamentation, semi-public outdoor terraces with metal panel railings on the upper levels, an open common plaza and main entry at its south end, landscaped planters at street level, and automobile access to the underground public parking off the alley to the west.

While the design for the new construction in the proposed project is conceptual, the current plans and illustrations indicate that the new design would be clearly differentiated from the existing historic resource yet compatible and respectful in terms of its design, materials,

location, restrained architectural articulation, and setbacks. Visual simulations from key vantage points along Arizona Avenue and 20th Street illustrate that the historic property would remain nearly unchanged with the south and east facades clearly visible and intact from the public rights-of-way.

The baseline for SOI Standard 10 requires that new construction be "undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired." As conceptually proposed, all new construction appears to be designed as separate elements that potentially could be removed in the future, with minimal impact to the historic GKGM property and its associated character-defining features.

While the design of the new construction appears preliminarily consistent with the SOI Standards, to moderate any potentially significant impacts from occurring prior to, during, and after project implementation and to ensure full compliance with the SOI Standards upon preparation and compliance review of final project plans, implementation of mitigation measures 1 and 2 would reduce any potential impacts to a less than significant level.

Location, Scale, and Massing of New Construction

In addition to requiring compatibility of design, SOI Standard 9 also states that new construction will be compatible in "size, scale, proportion, and massing to protect the integrity of the [historic] property and its environment." Because the new building adjacent to the GKGM property is appropriately located to the north of the historic property at the rear (a secondary elevation) of the administration wing it would not obstruct significant primary views of the historic resource or its identified character-defining features along Arizona Avenue or 20th Street.

Though larger in square footage and taller than the historic GKGM property, much of the new construction is setback away from the historic resource in terms of location, scale and proportion, and massing to respect and maintain its historic integrity, character-defining features, spatial relationships, overall historic character, and prominent physical/visual presence at the corner of Arizona Avenue and 20th Street.

As conceptually proposed, the new construction is designed with a strategically placed carve-out of wall massing with integrated stepped open terraces at its southeastern orientation. By carving out the southeast corner of the new building a large open plaza is created, which will act as an interactive gathering place for street level pedestrians between the old and new improvements. This transitional outdoor space along with the proposed series of stepped back semi-public terraces integrated into the new construction acts as a visual

buffer and further helps minimize the size, scale and proportion, massing, and overall presence of the new building adjacent to the historic GKGM property.

As such, the conceptual (schematic) design and work for the new construction proposed, from a location, scale and massing perspective, appears to respect the architectural and historical qualities, spatial relationships, and architectural vocabulary of the historic property. While the project plans reviewed for this EIR are considered conceptual and such plans are subject to further refinement by the City's Planning Commission, ARB, and/or Landmarks Commission, the likelihood of these reviewing bodies requesting substantial changes to the location, scale, and massing of the proposed new construction is unlikely. Therefore, mitigation measures are not required to implement this portion of the project.

2. Apartment Building, 1234 20th Street

The apartment building behind the Mortuary property to the immediate north was assessed for historical significance and was found to lack any type of historical significance or architectural merit to be ineligible for National Register and California Register listing, as well as for City of Santa Monica Landmark designation. For the purposes of CEQA compliance, this property is not considered a historic resource pursuant to the CEQA Guidelines. Under the proposed project, the apartment building will be demolished. Mitigation measures for the removal of this property are not required.

3. Apartment Building, 1242 20th Street

Similar to the apartment building at 1234 20th Street, the adjacent apartment complex at 1242 20th Street was assessed for historical significance and was found to be ineligible for National Register and California Register listing, as well as for City of Santa Monica Landmark designation for similar reasons as the 1234 20th Street property. For the purposes of CEQA compliance, this property is not considered a historic resource pursuant to the CEQA Guidelines. Under the proposed project, the apartment building will be demolished. Mitigation measures for the removal of this property are not required.

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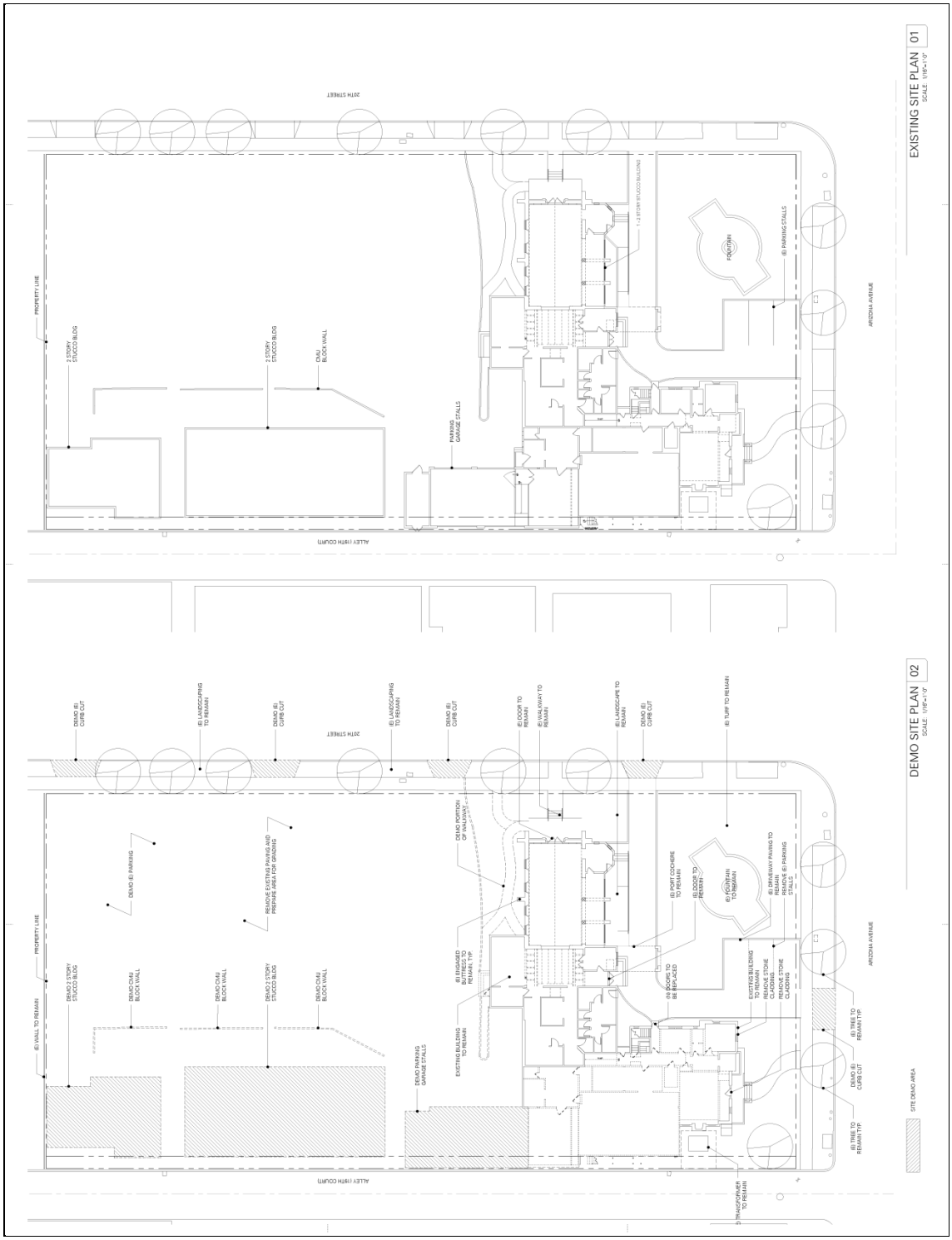

SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

FIGURE 4-1

EXISTING CONDITIONS/DEMOLITION PLAN

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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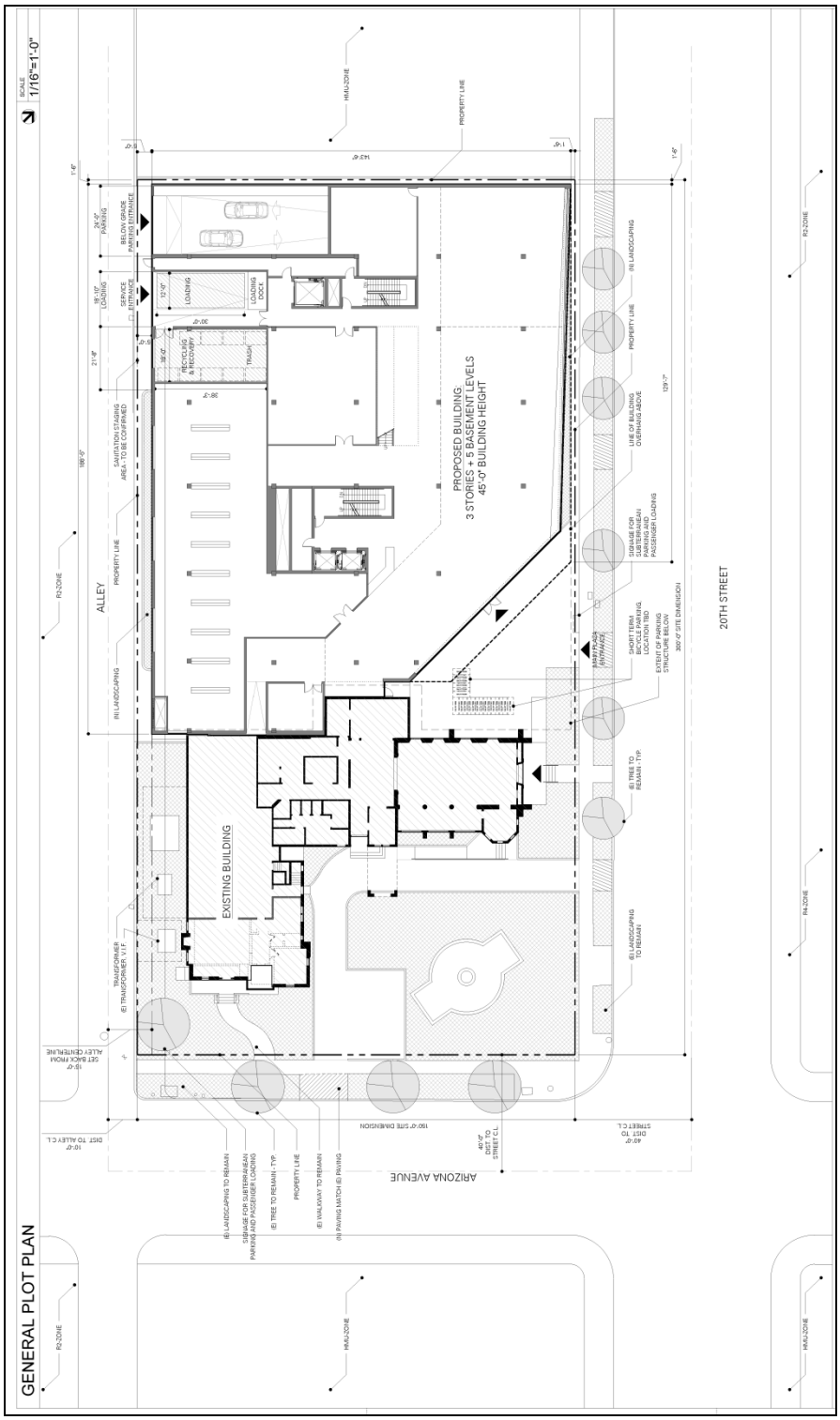

SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

FIGURE 4-2

GROUND LEVEL PLOT PLAN

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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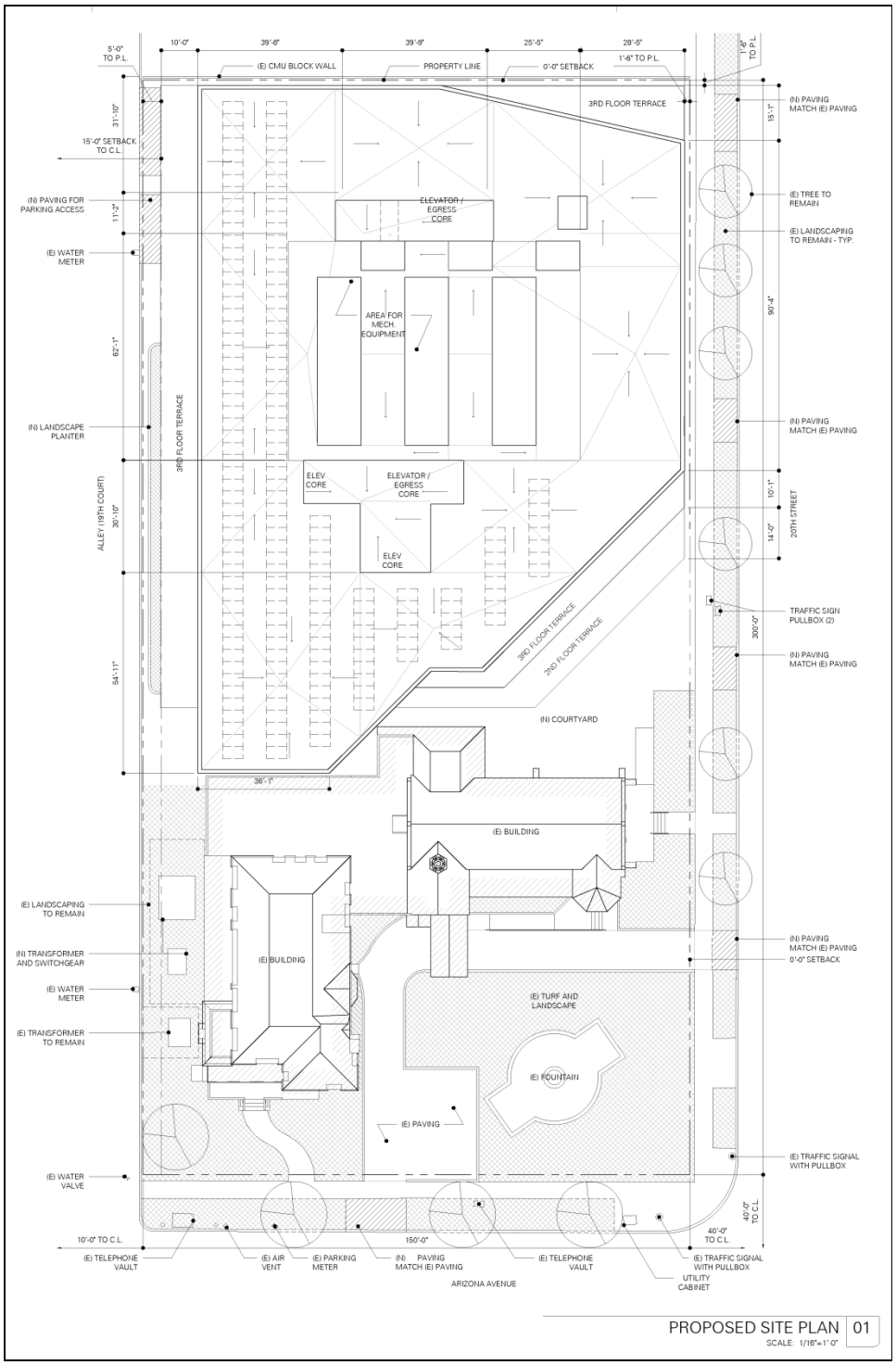

SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

FIGURE 4-3

PROPOSED SITE/ROOF PLAN

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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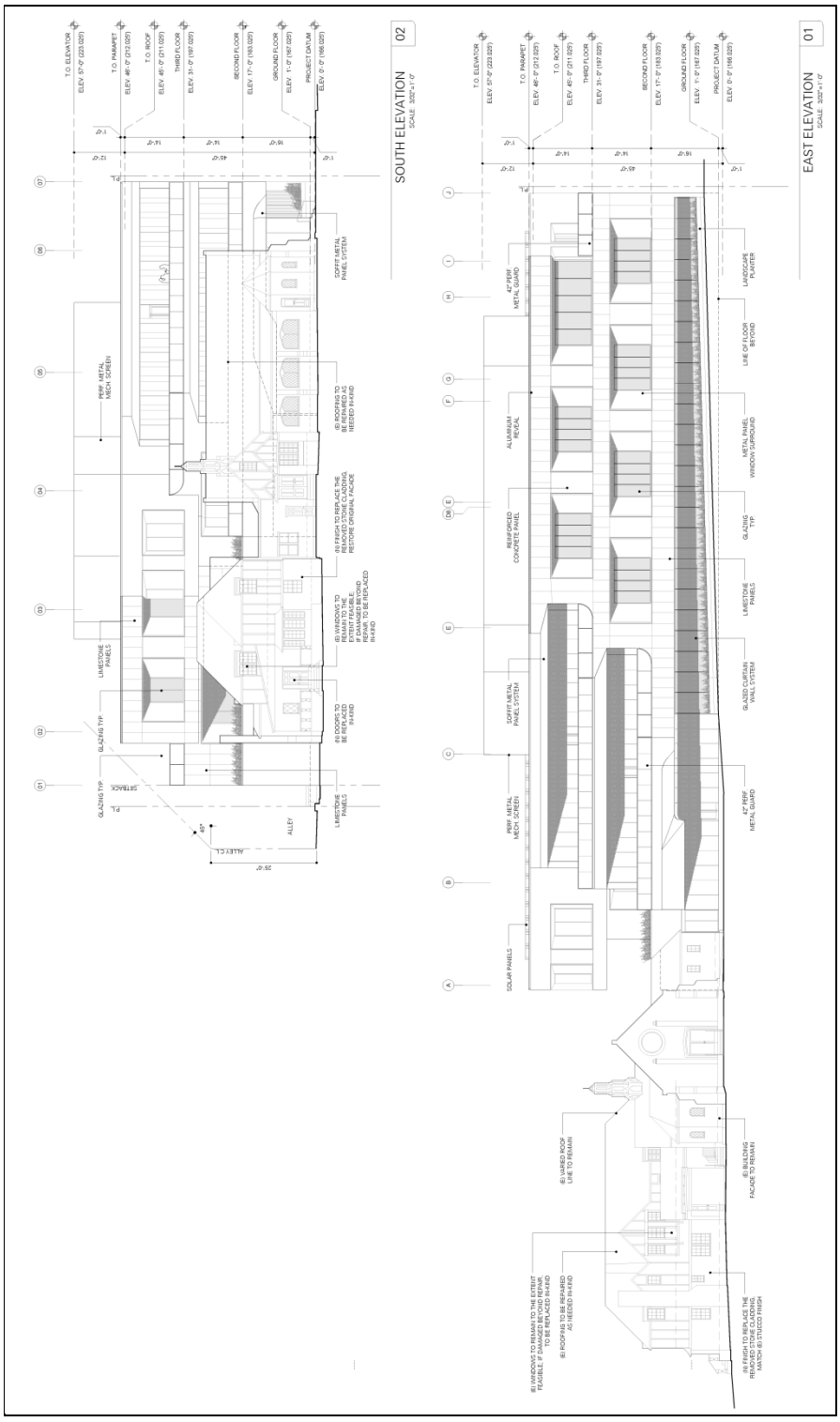

SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

FIGURE 4-4

SOUTH AND EAST ELEVATIONS

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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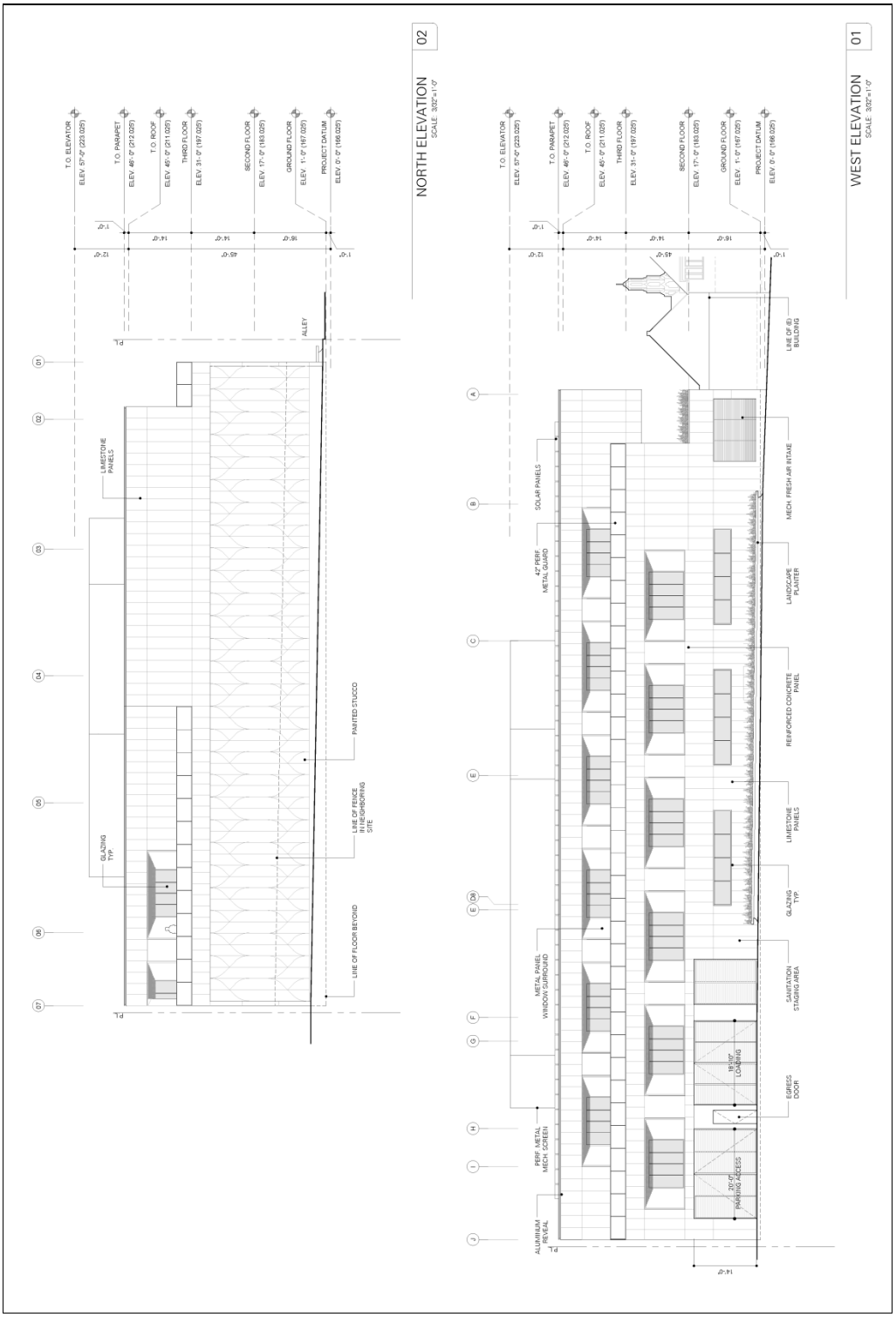

SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

FIGURE 4-5

NORTH AND WEST ELEVATIONS

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

VIEW FROM 20TH STREET/ARIZONA AVENUE INTERSECTION LOOKING NORTHWEST

FIGURE 4-6

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

VIEW FROM 20TH STREET LOOKING WEST

FIGURE 4-7

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

VIEW FROM ARIZONA AVENUE LOOKING NORTH

FIGURE 4-8

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

VIEW FROM 20TH STREET LOOKING SOUTHWEST

FIGURE 4-9

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

ELEVATED VIEW LOOKING NORTH

FIGURE 4-10

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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SCHEMATIC DESIGN PROPOSAL

(subject to change per Planning Commission approval and ARB design approval)

ELEVATED VIEW LOOKING NORTHWEST

FIGURE 4-11

PROPOSED PROJECT RENDERING

WELLNESS CENTER PROJECT

1242 20th Street, Santa Monica, CA

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E. CUMULATIVE AND INDIRECT IMPACTS

Cumulative impacts to historic resources evaluate whether impacts of the proposed project and related past, present, or future projects, when taken as a whole, substantially diminish the number of historic resources within the same or similar historic context or property type. Impacts to historic resources, if any, tend to be site specific. However, cumulative impacts would occur if the proposed project and related projects cumulatively affect historic resources in the immediate vicinity or involve resources that are examples of the same style or property type as those within the proposed project site.

Under the proposed project the GKGM property would be rehabilitated in-kind in a manner consistent with the SOI Standards and adaptively reused. The identified character-defining features of the historic resource would be preserved; repaired, as necessary; or replaced depending upon severity of condition. In addition, as mitigated, the new construction proposed for the project site north of the historic resource would not physically or visually impact the historic qualities of the GKGM property. Hence, the former mortuary property as a whole would remain eligible for local designation as a City of Santa Monica landmark.

The modest bungalow structure located at 1224 20th Street and previously identified under prior historic survey work efforts as potentially eligible for City of Santa Monica Structure of Merit designation would not be directly or indirectly impacted by the implementation of the proposed project. Similarly is the finding for the church building located at 1220 20th Street, which was also previously assessed as potentially eligible for recognition as a City of Santa Monica Structure of Merit. Both structures are outside of the project site boundary and the survey study area. As there is a one parcel buffer (50 foot wide by 150 foot long) between the bungalow and project site as well as a two parcel buffer (total width 100 feet) between the church building and the project site to the south those tangible characteristics of the bungalow and church building that convey their local historical significance and justify their eligibility as potential Structures of Merit would be retained unaltered. Because of the substantial distance and clear physical and visual separation between the two improvements and the project site is of sufficient space the two properties would remain eligible as potential Structures of Merit. Therefore, mitigation measures are not required for either the bungalow or church building.

As described in this EIR, related projects have been identified. It is possible that some of the related projects could demolish buildings deemed to be a historic resource that were built in a similar architectural style, or of a similar property type, or even potentially by the same architect. Regardless, as this property would not contribute to the loss of a historic resource with similar historical or architectural context, cumulative impacts associated with the GKGM property would be less than significant.

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5. MITIGATION MEASURES

A. CEQA MITIGATION APPROACHES

According to CEQA, mitigation may include:

- Avoiding the impact altogether by not taking a certain action or parts of an action;
- Minimizing impacts by limiting the degree or magnitude of the action and its implementation;
- Rectifying the impact by repairing, rehabilitating, or restoring the impacted environment;
- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action;
- Compensating for the impact by replacing or providing substitute resources or environments;[67] and
- Utilizing the Secretary of the Interior's Standards of Rehabilitation and Guidelines for Rehabilitating Historic Buildings.[68]

B. PROJECT MITIGATION MEASURES

CEQA requires the Lead Agency to examine and impose mitigation measures or feasible project alternatives that would avoid or minimize any impacts or potential impacts to identified historic resources. A goal of a proposed project is historic preservation of the identified historic resources. The proposed project's conceptual site plans that involve both interior and exterior renovations to the GKGM property, the only historic resource located within the project site, have been evaluated in this Historic Resources Technical Report and it has been preliminarily determined that the conceptual site plans are designed in a manner that would retain and rehabilitate the property for adaptive use, pursuant to the SOI Standards. Therefore, the proposed project would not demolish or materially alter in an adverse manner any character-defining features of the resource that convey its historical significance or its eligibility as a City Landmark.

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[67] *CEQA Guidelines, Section 15370.*

[68] *CEQA Guidelines, Section 15064.5(b)(3).*

However, as the project plans reviewed for this environmental assessment are considered conceptual and such plans have not yet been finalized and are subject to refinement by the City's Planning Commission, ARB, and/or Landmarks Commission, it is possible that final project design could include elements that would result in a potentially significant impact to the historic GKGM property. Therefore, the following mitigation measures collectively address those potential impacts identified and discussed in the prior chapter, Chapter 4, Analysis of Project Impacts. The mitigation measures included below are required to implement the proposed project and ensure that any potential direct and indirect adverse impacts to the identified historic resource, the GKGM property, would be reduced to a level of less than significant.

1. Archival Recordation Documentation

Prior to any alteration of the GKGM property or removal of any identified character-defining features or other building components for the implementation of the proposed project, a recordation document similar in format and content to an Historic American Buildings Survey (HABS) Level II recordation document shall be prepared by the Applicant. The work shall be completed by a qualified historic preservation professional with at least five (5) years of relevant experience who meets the requirements of the U.S. Secretary of the Interior's Professional Qualifications for history, architectural history, and/or historic architecture (pursuant to 36 CFR 61). The HABS-like document shall record the history of the GKGM property and its contextual relationship to the overall history of the community. Its physical condition, including historic, recent, and current conditions, should also be described in the document through the use of site plans; as-built drawings, as available; historical and current graphics and photographs; and written narrative data and text. Field photos and notes may also be included as supporting exhibit material. All document components should be completed in accordance with the Secretary of the Interior's Standards and Guidelines for Architectural and Engineering Documentation (HABS standards). This recordation document shall include at a minimum:

- A written historic and descriptive report completed in narrative format. The report shall be stored onto a labeled CD for safekeeping.

- A sketch floor plan for each section (wing) of the former mortuary property, including floor levels shall accompany the recordation document. A sketch plan of the entire site of the property is also required. Such illustrations shall be stored onto a labeled CD for safekeeping.

- High-resolution digital photographs in accordance with Historic American Buildings Survey (HABS) guidelines and standards shall be included in the report. Views shall include contextual views, all exterior elevations, details views of significant exterior architectural features of the property (site, grounds-landscape elements (i.e. fountain), administration wing, chapel wing), and interior views of notable historical architectural features or spaces. Such photographs shall be logged, tagged, and collected onto a media storage device for safe archiving and copies provided to those repositories receiving the HABS finished document. A site plan coordinated with the photo log should also be included. Such photographs shall be stored onto a labeled CD for safekeeping.

- Available historic photographs and, as available, historic and/or current as-built plans or other historic illustrations of the GKGM property shall be reproduced digitally or photographically and included in the recordation document. Such digital material shall also be stored onto a labeled CD for safekeeping.

A draft and final version of the HABS documentation shall be submitted by the applicant to the City (Community Development, City Planning Division) for review, approval, and archiving. Upon approval by the City, one original photographic copy of the final document reproduced on archival paper as specified above shall be assembled and offered to each of the following entities by the applicant:

- One set shall be offered to and, if accepted, deposited in the archives of the Santa Monica Conservancy.

- One set shall be offered to and, if accepted, deposited in the archives of the Santa Monica History Museum.

- One set shall be offered to and, if accepted, deposited in the archives of the City of Santa Monica Public Library (Main Branch, local history collection).

2. PRESERVATION-PROTECTION PLAN

Prior to the submittal of project plans for plan check review by the City, the Project Applicant shall prepare a "Preservation-Protection Plan" to ensure that implementation of the site improvements would be conducted in conformance with applicable SOI Standards. At a minimum, a Preservation-Protection Plan shall be prepared for the entire historic GKGM site, including the administration wing, Little Chapel of the Dawn wing, and all associated landscape-hardscape features on the property. Such a document shall include the following, at a minimum,

and shall be submitted to the City for review and approval upon draft completion and final completion.

- Architectural recordation of existing conditions, features, spaces, and materials prior to the commencement of project construction related activities, including demolition, excavation, grading, and development.
- Materials analysis, conservation and treatment programs identified to assist in the compliant rehabilitation of the GKGM property.
- Preparation of a Historic Structures Report (HSR) for the GKGM property (administration wing [exterior]; chapel wing [exterior]; site grounds, including landscape/hardscape features).
- SOI Standards compliant plan reviews, guidance and oversight, and demolition/construction monitoring by a qualified historic preservation consultant with a minimum of seven (7) years of relevant experience.
- An interpretive program to convey the historical and architectural history and associations of the historic property.

As part of the Preservation-Protection Plan, an HSR shall be prepared that would include the architectural recordation and assessment of the site, features, materials, finishes, spaces, forms, textures, etc. The HSR would provide documentary, graphic, and physical information about the property's history, character-defining features, and its existing conditions. The report shall also include appropriate methods for treatment of the existing exterior features, materials, finishes, spaces, landscape/hardscape elements, and circulation patterns of the overall GKGM property; a recommended scope of work as part of the rehabilitation of the historic property; and provided information and recommendations for further treatment and maintenance of the site (in order to maintain its City Landmark eligibility).

The treatment program for the historic property would involve conditions investigations, testing, research, and the identification of necessary repairs by a team of qualified historic architects, architectural historians, and conservators. As necessary, a materials conservation assessment should also be included in the HSR. This report shall be prepared according to the National Park Service publication *Preservation Brief 43: The Preparation and Use of Historic Structures Reports*. A copy of this report shall be submitted to the City for review and approval prior to the submittal of 25% completion plans (demolition, architectural, structural, landscape, etc.) to the City for design review and plan check. Final digital copies of this report shall also be

donated to the Santa Monica Public Library, Santa Monica Conservancy, and Santa Monica History Museum, at a minimum.

The Preservation-Protection Plan shall also stipulate that the Applicant retain a qualified historic preservation professional with at least seven (7) years of relevant experience who satisfies the Secretary of the Interior's Professional Qualification Standards for History, Architectural History, and/or Architecture pursuant to 36 CFR 61. This preservation professional shall provide guidance and oversight for the preservation and rehabilitation of the historic GKGM property; review and comment on rehabilitation design plans (initial, 25%, 50%, 75% completion plans at a minimum) for compliance with the SOI Standards, review and comment on final construction plans (including demolition, structural, architectural, mechanical, electrical, and landscape plans) for compliance with the SOI Standards; and conduct periodic monitoring during demolition, excavation, grading and construction work for the purposes of protecting and preserving character-defining features and those qualities of the property that justify its local City of Santa Monica landmark eligibility. In addition, the preservation professional shall prepare the necessary written and illustrated documentation for the associated monitoring efforts in a series of construction monitoring reports/memos. A final sign-off of the project completion is also required by the consulting preservation professional in coordination with the project general contractor/design team and City prior to the issuance of a certificate of occupancy. Any plans prepared for the project and submitted to the City for review shall be also assessed for SOI Standards compliance by City staff.

In addition, the Preservation-Protection Plan shall address the applicable use of the California Historical Building Code and the relevant guidelines specific in the SOI Standards and NPS briefs, bulletins, references and guidelines, for any code compliant work associated with issues such as egress, fire safety, railing heights, door widths, accessibility, etc.

The Preservation-Protection Plan, including information drawn from the HSR, shall also guide the development of a publicly accessible interpretive program on the history and architecture of the GKGM property. The historic interpretive exhibit(s) should include or interpret information specific to the history and architecture of the site, the important individuals associated with the former Gates, Kingsley & Gates Mortuary, and its historical association with the mortuary history of the community. This creative/educational component shall be developed with the assistance of a qualified architectural historian or historic preservation professional with at least five (5) years of relevant experience who satisfies the applicable Secretary of the Interior's Professional Qualifications Standards pursuant to 36 CFR 61. The historic interpretive program (exhibits) may be located within the publically accessible interior spaces of the historic property and/or as an outdoor interpretive program within the GKGM property grounds. The

program/exhibit(s) will not be housed in (or on) the adjacent new construction improvement appended to the north side of the administration wing.

6. Level of Significance After Mitigation

The GKGM property is eligible for listing as a City of Santa Monica landmark. Therefore, it is considered a historic resource under the CEQA Guidelines and is subject to CEQA. The proposed project includes rehabilitation, demolition and new construction to the GKGM property and adjacent parcels to the north (which comprises the "Project site"). As a result, the proposed project was analyzed for its potential to negatively impact the identified historic resource.

As the project plans reviewed for this environmental assessment are considered conceptual (schematic design) and such plans have not yet been finalized, it is possible that final project design could include elements that would result in potentially significant impacts to the historic resource. The impact analysis concluded; however, that with the stipulated mitigation measures implemented the proposed project would not cause a substantial adverse change to the historic qualities of the GKGM property. Compliance with the mitigation measures provided herein, which includes oversight monitoring for conformance with the SOI Standards, ensures that the proposed preservation, rehabilitation, and adaptive use of the historic resource does not impair those qualities and historic character of the property that convey its historical significance and render it a potential Santa Monica Landmark. Hence, as mitigated the proposed project would have a less than significant impact on the identified historic resource. Furthermore, the project's contribution to significant cumulative impacts on historical resources is also considered to be less than significant.

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APPENDIX

SUPPORTING EXHIBITS

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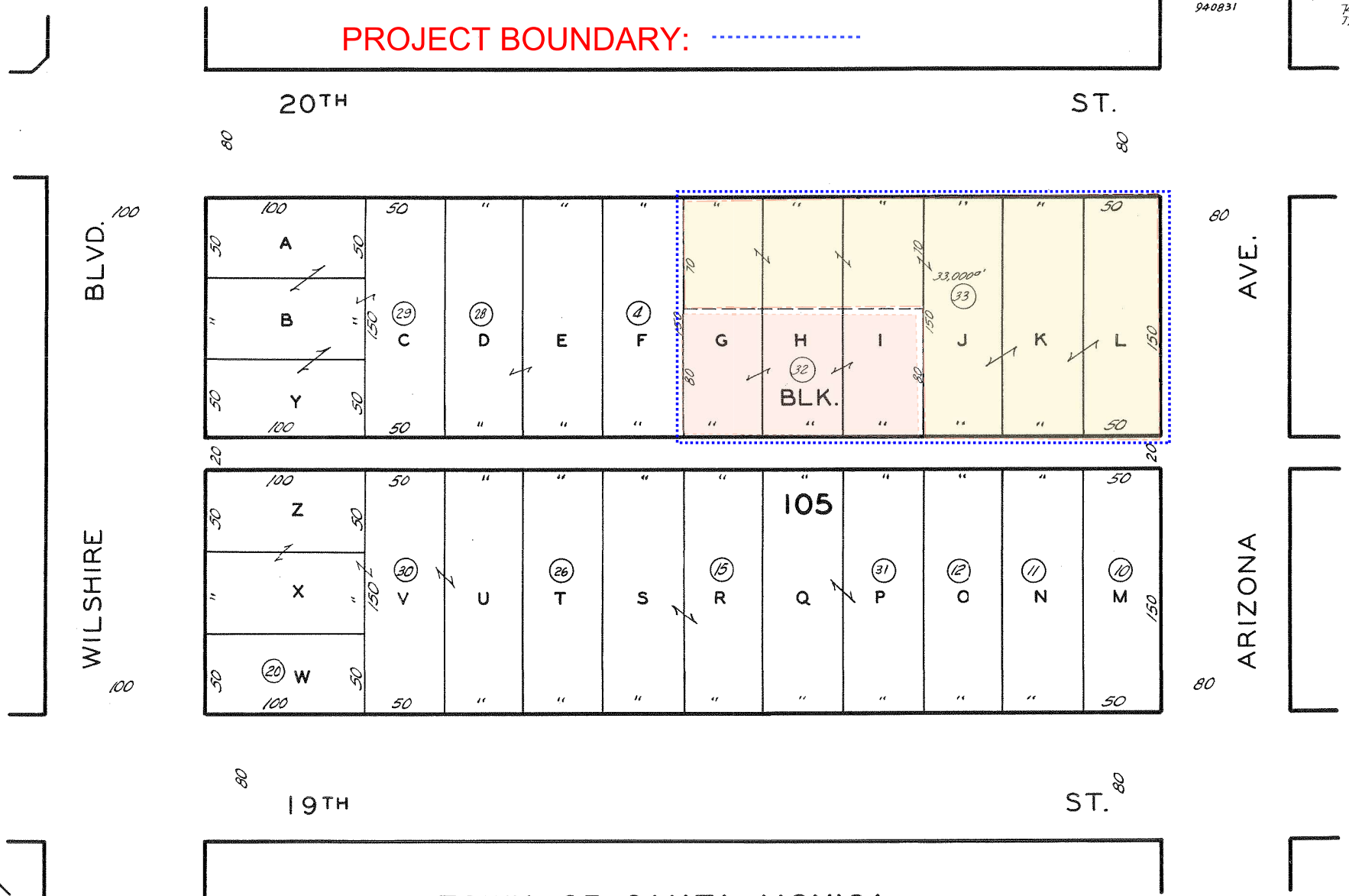

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TOWN OF SANTA MONICA
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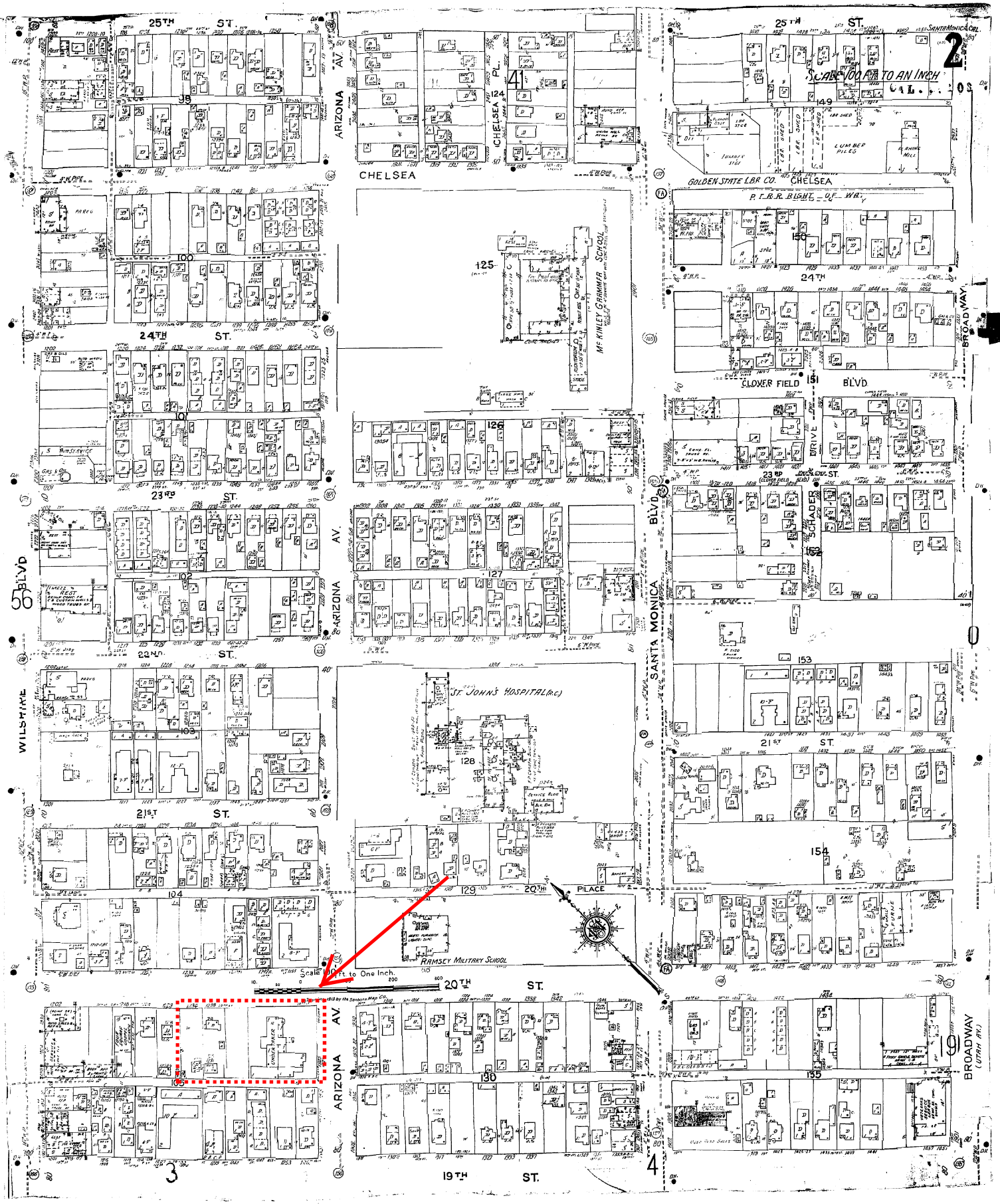
ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

SANBORN FIRE INSURANCE MAP, Santa Monica



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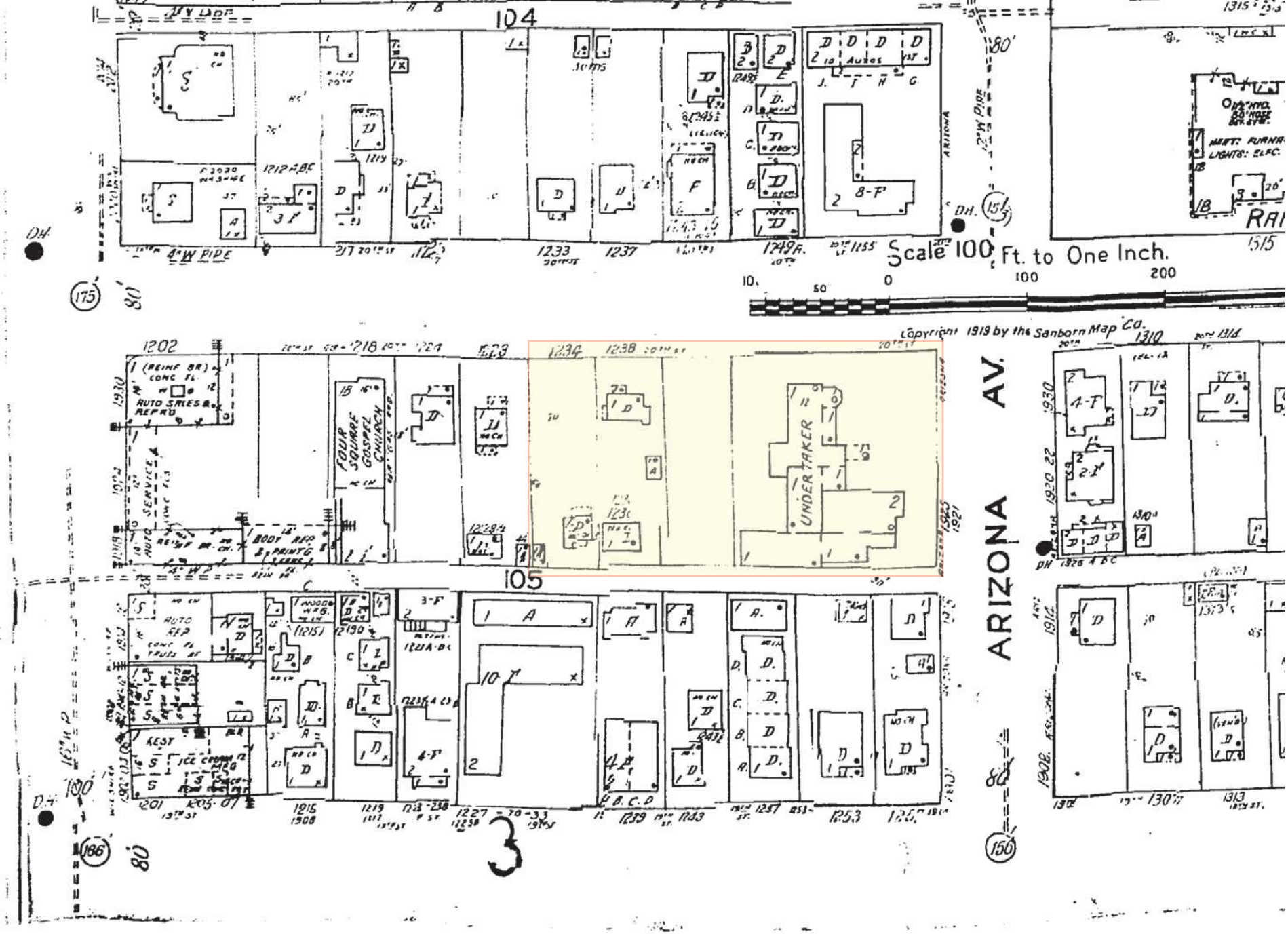


SANBORN FIRE INSURANCE MAP, Santa Monica [DETAIL] SM 1918, Feb 1950 update

EPHEMERAL EXHIBITS

PAGE SIX — EVENING OUTLOOK, SANTA MONICA, CALIFORNIA — SATURDAY, SEPTEMBER 9, 1933

GATES, MENDENHALL AND GATES DEDICATE NEW MORTUARY

Services Will Be Tomorrow

Special Ceremonies to Be Presented Monday and Tuesday Evenings

Formal public dedication of the new buildings and grounds comprising the home of the Gates, Mendenhall and Gates mortuary at Arizona avenue and Twentieth street, will be held tomorrow afternoon. Special ceremonies also will be presented on Monday and Tuesday evenings and "open house" will be observed during the entire three-day period.

The dedicatory service will open at 2:30 o'clock tomorrow with the Santa Monica Ministerial association in charge. Vesper musical services will be conducted at 5 p. m. "Old Hymn Night" will be observed beginning at 8:30 p. m. Monday. A musical will be given at the same hour on Tuesday evening.

English Architecture

Of English architecture with thatch roof and vaulted ceilings, the two-story buildings of the new funeral parlors were designed by the late Francis D. Rutherford, well-known Santa Monica architect, and his associate, George Dunderdale. They consist of an administration building and a chapel and comprise approximately 10,000 square feet of floor space.

On the lower floor of the administration building is a reception room, two private offices, arrangement room, display room, chimney rooms and a modern preparation room. Two fire-room apartments make up the second floor.

Beautifully Furnished

The chapel, which faces on Twentieth street, is described as one of the most beautiful in the country. It is a reproduction of an old English church with a vaulted ceiling and conservatory. Here, also, is a music room, flower room and a secluded family room.

Harris E. Stewart, representative of the California state board of funeral directors and embalmers, who inspected the establishment yesterday, reported it as "a very superior establishment, meeting all of the requirements of laws, rules and regulations governing such concerns. It is beautifully furnished and is landscaped with lawns, shrubs, flowers and trees."

Excellent Landscaping

There is a unity seen throughout the buildings. The hallways are heavily carpeted. Modern fire and plumbing equipment is used exclusively.

Although the landscaping of the grounds has not yet been completed, the lawns, flowers and shrubs already have started to grow. Several old trees were saved by the builders. Branches of an immense olive tree overhang the entrance to the administration building. On either side of a narrow pathway on the grounds north of the chapel are numerous pine trees.

E. F. Gates Well Known In Ministerial Circles

E. F. Gates comes to the new establishment bringing a wealth of experience from years of public life where he has been active in the church and official relationship to welfare work. For nearly 20 years Gates has held prominent pastorates in Southern California. The past two years he has been finance and property executive of the Goodwill Industries of Southern California. For five years he was pastor of the First Methodist Episcopal church of this city, from which pastorate he went to the First Methodist Episcopal church of Alhambra.

Gates is a graduate of DePauw university, also of Garrett Biblical Institute. He resides at 616 18th street.

He has taken over the management of Gates, Mendenhall and Gates Mortuary and will give himself particularly to the business affairs of the firm.

Hutchinson Well Known To Bay District Residents

A graduate of Santa Monica high school and a resident of this city for the past eight years, H. W. Hutchinson is the assistant to the embalmers at the funeral concern. Hutchinson was affiliated with Mendenhall and Gates for a year and a half. He is a member of the Kappa Alpha Phi fraternity.

Officials of Mortuary Firm Delighted With New Building

E. F. GATES
Secretary-Treasurer

C. J. MENDENHALL
President

MARK T. GATES
Vice President

H. W. HUTCHINSON
Assistant Embalmer

JOSEPH S. WAUGH
Musical Director

Contractors' Work Lauded

Efficiency of Workmen Also Praised by Maule Officials

Operators of the Maule Building Co., contractors for the construction of the Gates, Mendenhall and Gates new establishment, today lauded the cooperation and services rendered by the sub-contractors as well as the efficiency of the workmen employed in erecting the structure.

The sub-contractors were: H. J. Short, foundation and cement work; J. J. Donovan, brickwork; Dudley-Thomas, lumber; Dederich Bros., plumbing; Hughes Sheet Metal Works, sheet metal; Bay Cities Roofing Co., roofing; Charles O'Dell, plastering; Rose Hardware Co., hardware; Globe Electric Co., electric wiring; Belmont Heating Co., heating; Haley Bros., sashes and doors; Santa Monica Planing Co., millwork; Inglewood Screen Co., screens; Bay Cities Tile Co., tile; W. P. Fuller Co., paint; Lowell Bourge, floors; Thorn Shade Co., window shades; DeLuxe Art Glass Co., art glass; Bullock Iron Co., ornamental iron; Grant Whale Linoleum; Clark Furniture Co., carpets; H. L. Jarvis, incumbent.

Mark Gates Connected With Mortuary 4 Years

Mark T. Gates, graduate embalmer and vice president of the establishment which bears his name and that of his father and associate, is an alumnus of Santa Monica high school and the California College of Embalming. He was engaged in business with C. J. Mendenhall at the funeral parlors on Fourth street for a period of four years.

The younger Gates is a member of the board of directors of the Santa Monica-Ocean Park Junior Chamber of Commerce and a member of the Kapia Alpha Phi fraternity.

C. J. MENDENHALL IN BUSINESS FOR FOURTEEN YEARS

The father of C. J. Mendenhall, president of the new mortuary which formerly was located at 1318 Fourth street, and his father before him, were licensed morticians and made the funeral business their lives' work. It was disclosed today.

Born in Illinois, Mendenhall is a graduate of Wyndham college, Chicago. After serving in the World war he engaged in the funeral services business in Hollywood for a year and then opened his own establishment on Fourth street in Santa Monica. He built up his reputation so successfully during the 14 years at that location that today he and his associates are able to announce the opening of one of the finest structures of its kind on the Pacific coast.

'Little Chapel of Dawn' Praised for Its Beauty

Seemingly transplanted from some quaint English village, "The Little Chapel of the Dawn," at the new Gates, Mendenhall and Gates mortuary is one of the most unusual in the west. Its somber beauty already has drawn comment from early visitors to the establishment.

The feature of the chapel is a conservatory similar to Glendale's famed Wee Kirk o' the Heather at Forest Lawn Memorial Park. It is one of the few conservatories of its kind in the United States.

Here, ferns and various potted flowers and plants abound. A volume of sunlight enters through the large windows which make up the entire southern side of the respective story.

The beauty of the structure is enhanced by a slate roof, colored glass windows, a vaulted ceiling and especially constructed pews.

Position, design and equipment insure seclusion for the family room.

SCHOOL DRIVERS CAREFUL

The North Carolina Motor club reports the state has 1,335 no-accident school bus drivers in 44 counties.

Ministers to Hold Service

'Little Chapel of the Dawn' to Be Dedicated at 2:30 Tomorrow

"The Little Chapel of the Dawn" will be dedicated with a religious service to be conducted under the direction of the Santa Monica Bay Ministerial association, beginning at 2:30 o'clock tomorrow afternoon. Rev. John B. Soules, president of the association, will preside. All members are asked to participate.

Evening vesper musical services will be opened at 5 o'clock with Joseph S. Waugh, tenor, featured in a group of songs. Dorcas Jones will be the accompanist. The vocal song program will consist of the following numbers: "Tryina" (Handel); "The Last Hour" (Kramer); "Cradle Dawn" (Homer); "Lassie o' Mine" (Watt); "The Lass o' Killiecrankie" (Bilsker); "In the Sun" (Curran); "Now Sleeps the Crimson Petal" (Quilter); "Because" (D'Hardelot).

Piano numbers will be "Scherzo in E Minor" (Mendelssohn), and "Waltz in E Major" (Chopin).

Joseph Waugh will conduct the "Old Hymns Night" Monday at 8:30 o'clock in "The Little Chapel of the Dawn." He will be assisted by the Rev. Hugh C. Bednet, pastor of the Santa Monica Church of the Nazarene, and his brother, H. B. Bednet.

A musicale will be held at the same hour on Tuesday evening. Four numbers will be presented by the Philonet water from the studios of

JOSEPH S. WAUGH NOTED AS SINGER IN SANTA MONICA

Joseph S. Waugh, Scotch tenor, has resided in Santa Monica for the past 10 years. He has traveled throughout the United States and Canada in concert and church work. Since establishing his residence in this city he has been with the Pilgrimage play as tenor soloist during the past three seasons. He formerly was director of the choir of the University Methodist church of Los Angeles and was in charge of music at the Trinity Methodist church the two years and also at the First Presbyterian church in Santa Monica. He is affiliated with the firm as musical director and will serve exclusively as a soloist.

Z. Earl Meeker and six members by the Kiwanis Glee club.

The artist consists of Mary Florence Pate, Irma Smythe, Beryl Kay, Neil Olney, Catherine Marsden and Leslie Marsden. Marjory Ratliff is the accompanist. The numbers they will sing include: "A Dream Boat Passes By" (Lennox); "Rain" (Curran); "An Old Love" (Quest); "Santa Maria" (Shelley).

The Kiwanis Glee club, directed by Waugh, will sing the following: "Press Towards the Mark for the Prize" and "Kiwania." Waugh: "A Little Close Harmony," O'Hara. "The Bells of St. Mary's," Adams; "One Fleeting Hour," Lee, and "Service," Callahan.

Dissection of the grounds and buildings will be held prior to and following each of the evening programs.

Plans Drawn By Maule Co.

Plans and specifications for the new mortuary at Twentieth street and Arizona avenue were prepared by the Maule Building Co., assisted by George Dunderdale and the late Francis Rutherford.

The Maule Co. has been located in the Bay district for 14 years and has designed and erected many of the finer homes, apartments and store buildings in Santa Monica. The total experience of the concern covers a period of more than 25 years, part of which time it was located in New York and Philadelphia, St. Louis and Brownsville, Tex.

New Mortuary Located In Quiet Neighborhood

Although the new home of the Gates, Mendenhall and Gates mortuary is located on an expensive corner where wide, well-paved and little used streets insure against traffic and parking problems, the establishment actually is situated in the absolute center, geographically, of the city of Santa Monica, it was pointed out today by Mark T. Gates, vice president. The grounds have a 30-foot frontage on both Arizona avenue and Twentieth street.

The neighborhood itself is a quiet one. Besides the room for motor vehicles in the streets, facilities for 35 automobiles are provided by the driveways through the grounds of the establishment.

CONGRATULATIONS AND BEST WISHES to GATES, MENDENHALL and GATES
CARPETS FURNISHED BY
Clark Furniture Co.
1418 FOURTH STREET
SANTA MONICA

Best Wishes to GATES, MENDENHALL & GATES on THEIR NEW CHAPEL
Congratulations to You.
ALLAN MAULE—It's a Job Well Done
LEO ROSE HARDWARE
Furnished All Rough and Finished Hardware
BUILDERS' HARDWARE
Paint, Glass and Weather Stripping
1958-16 Montana Avenue — Phone 22305

Best Wishes on the Opening of Their New Home to ....
Gates, Mendenhall & Gates
GEORGE J. RANK

CONGRATULATIONS .....
GATES, MENDENHALL & GATES
AND
C. O. MAULE, Building Contractor
KENNETH PARR
PAINTER - DECORATOR
1127 Eleventh St. — Phone 22187

Best Wishes to ....
GATES, MENDENHALL & GATES
..... to
C. O. MAULE, Building Contractor
On Completion of the Beautiful New Chapel .....
ALL TILE WORK DONE BY
Bay Cities Tile CO.
Phone 24063 — 1611 Montana Ave.

Congratulations to
GATES, MENDENHALL & GATES
And C. O. MAULE, Building Contractor
ALL ROOFING DONE BY
Bay Cities Roofing Co.
1724 STANFORD
PHONE 23740 OR 23704 — SANTA MONICA

..... Best Wishes to
GATES, MENDENHALL & GATES
TO .....
C. O. MAULE, General Contractor
DEDERICHS BROS.
SANITARY ENGINEERS
National Plumbing and Heating Co.
2919 Santa Monica Blvd., Santa Monica, Calif.
PHONE 25980

BEST WISHES TO GATES, MENDENHALL and GATES
W. P. Fuller & Company
2821 MAIN ST. — OCEAN PARK
PHONES 67287-54244

Congratulations to GATES, MENDENHALL and GATES and C. O. MAULE BUILDING CONTRACTOR

Best Wishes to Gates, Mendenhall and Gates
LANDSCAPE BY
H. L. Baake & Son Nurseries
2616 S. Sawtelle Blvd. — 7700 Beverly Blvd.
WEST LOS ANGELES and LOS ANGELES

All Sheet Metal Work by ...
HUGHES
SHEET METAL WORKS
2631 Main Street
Ocean Park
PHONE 61810

BEST WISHES TO GATES, MENDENHALL AND GATES, FUNERAL DIRECTORS ..... AND TO C. O. MAULE, GENERAL CONTRACTOR, ON COMPLETION OF THIS NEW CHAPEL.

WE HAVE ENJOYED BUILDING THIS NEW BEAUTIFUL CHAPEL FOR GATES, MENDENHALL & GATES
MAULE BUILDING CO.
General Contractors
DESIGNING AND BUILDING
Residential - Commercial
Engineering Supervision
637 Euclid Ave. — 222 Santa Monica Blvd.
PHONES 22295 • 25176

BEST WISHES TO Gates, Mendenhall AND Gates FROM
BAY PAINT COMPANY
417 SANTA MONICA BLVD.
PHONE 21065

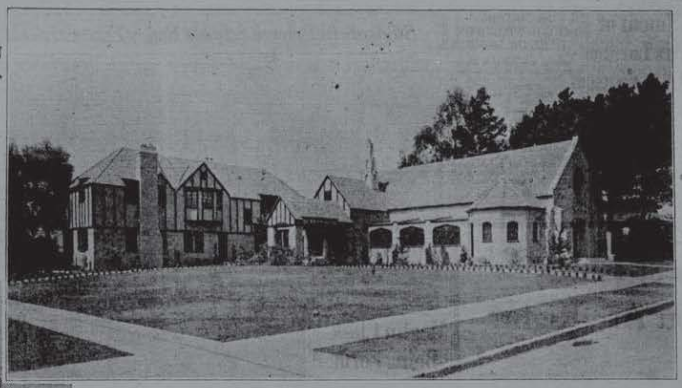
Congratulations!
GATES, MENDENHALL and GATES and
C. O. MAULE
GEN. CONTRACTOR
ALL ELECTRICAL WORK BY
GLOBE
Electric Company
1323
23rd St
PHONE 23511
SANTA MONICA

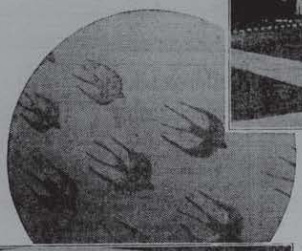
ALL LUMBER FURNISHED BY
DUDLEY-THOMAS LUMBER COMPANY
BETTER LUMBER
20th and Colorado — Phone 23514
SANTA MONICA

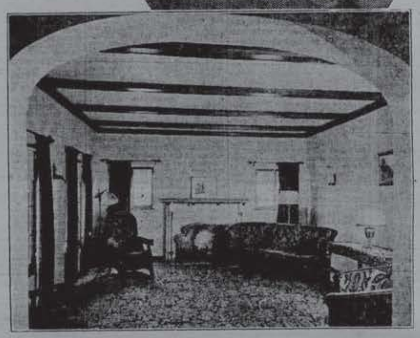
Dedication of New Mortuary – *Santa Monica Evening Outlook*, September 9, 1933

SATURDAY, SEPTEMBER 9, 1933 · EVENING OUTLOOK, SANTA MONICA, CALIFORNIA PAGE SEVEN

CHAPEL and ADMINISTRATION BUILDING . . . .







RECEPTION ROOM . . . . .

Gates, Mendenhall & Gates announce the opening of their New Chapel . . . . . 20th *and* Arizona Avenue

INVITATION

Gates, Mendenhall and Gates invite you to the opening of their new Mortuary at the corner of 20th and Arizona Ave., Santa Monica, California, September 10th, 11th and 12th

PROGRAMME

SUNDAY, September 10th

2:30 P. M.
DEDICATORY SERVICE:
DR. W. H. CORNETT, Speaker

5:00 P. M.
VESPER MUSICALE
Joseph S. Waugh, Scotch Tenor
Dorcas Jones, Pianiste

MONDAY, September 11th

8:30 P. M.
OLD HYMNS NIGHT
Conducted by Joseph S. Waugh
Hymn Interpretations by
Rev. Hugh C. Benner and
R. B. Benner

TUESDAY, September 12th

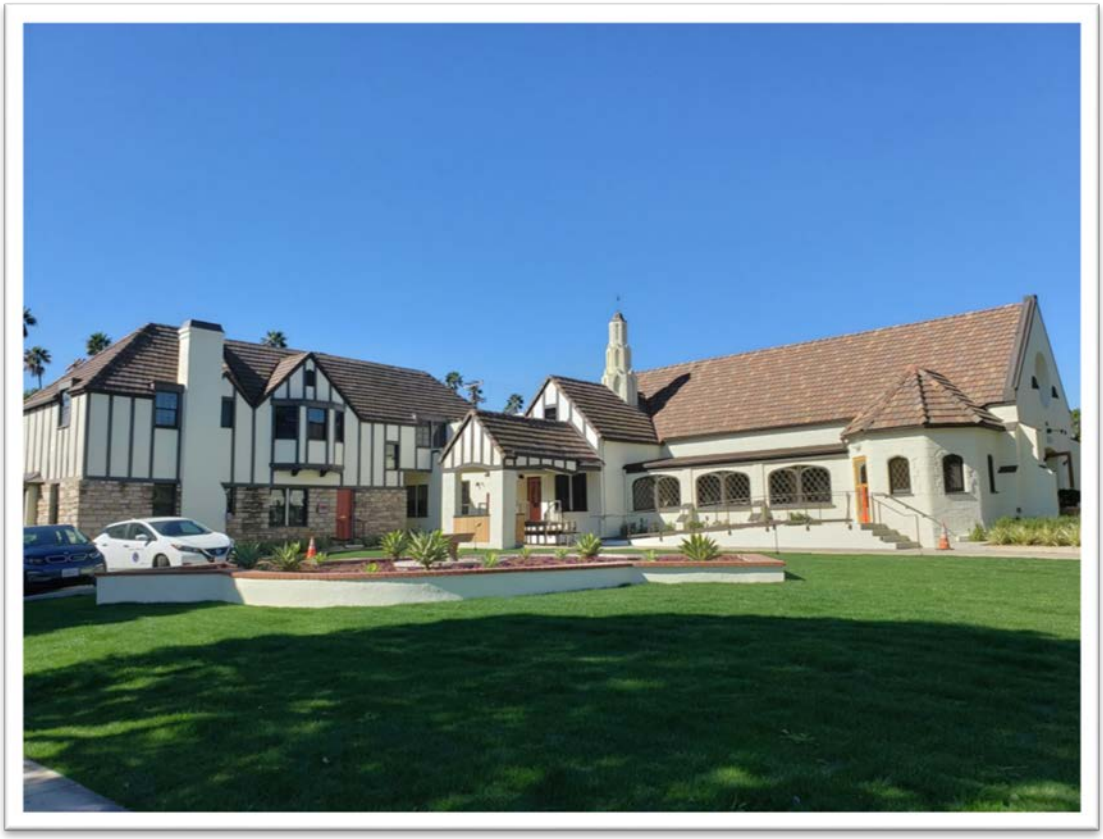
8:30 P. M.
MUSICALE
The Philomel Sextette—from the Studio of Z. Earl Meeker
Kiwanis Glee Club, Directed by Joseph S. Waugh

CHAPEL INTERIOR . . . "LITTLE CHAPEL OF THE DAWN"

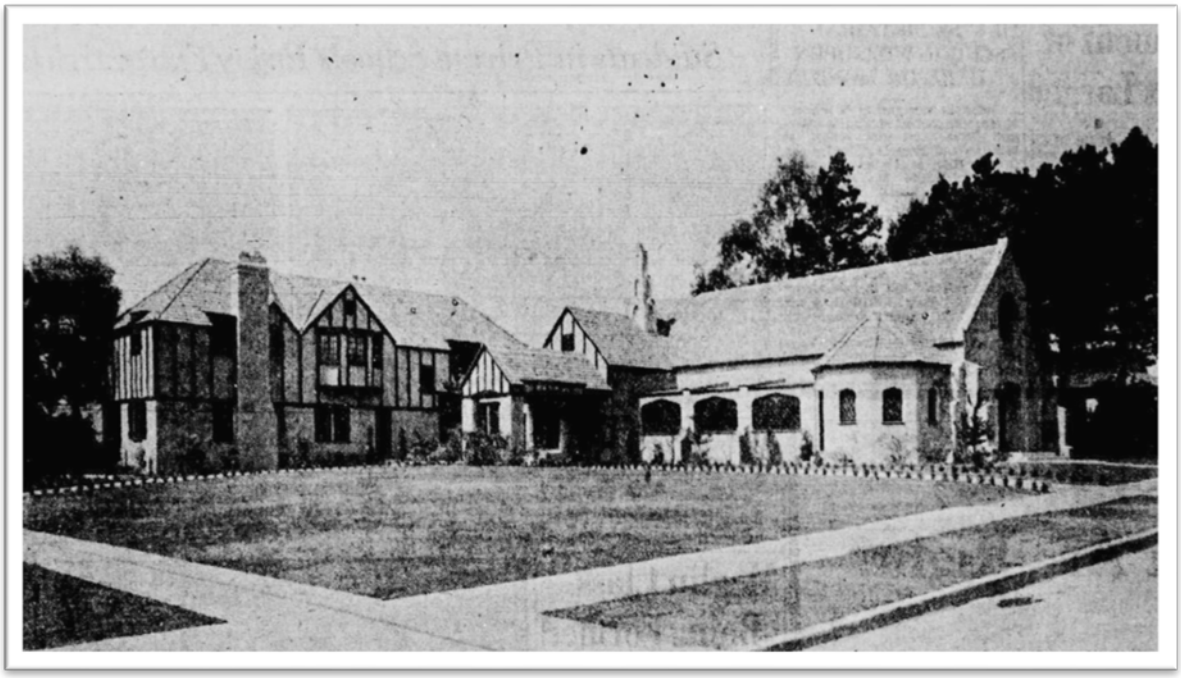
OPEN HOUSE EACH DAY FROM 10:00 A. M. to 9:30 P. M.

Full Page Newspaper Advertisement – *Santa Monica Evening Outlook*, September 9, 1933

PHOTOGRAPHS



Mortuary property - context view, looking northwest, 2020



Mortuary property - context view, looking northwest, 1933 (SMHM)

PHOTOGRAPHS

Mortuary property – aerial view, looking north, 1956 (UCLA Air Photo Archives)

Mortuary property – aerial view, looking northwest, 1966 (UCLA Air Photo Archives)

PHOTOGRAPHS

Mortuary property - context view, looking northwest, 1940 (SMHM)

Administration wing, front façade main entry (south elevation), 1942 (SMHM)

PHOTOGRAPHS

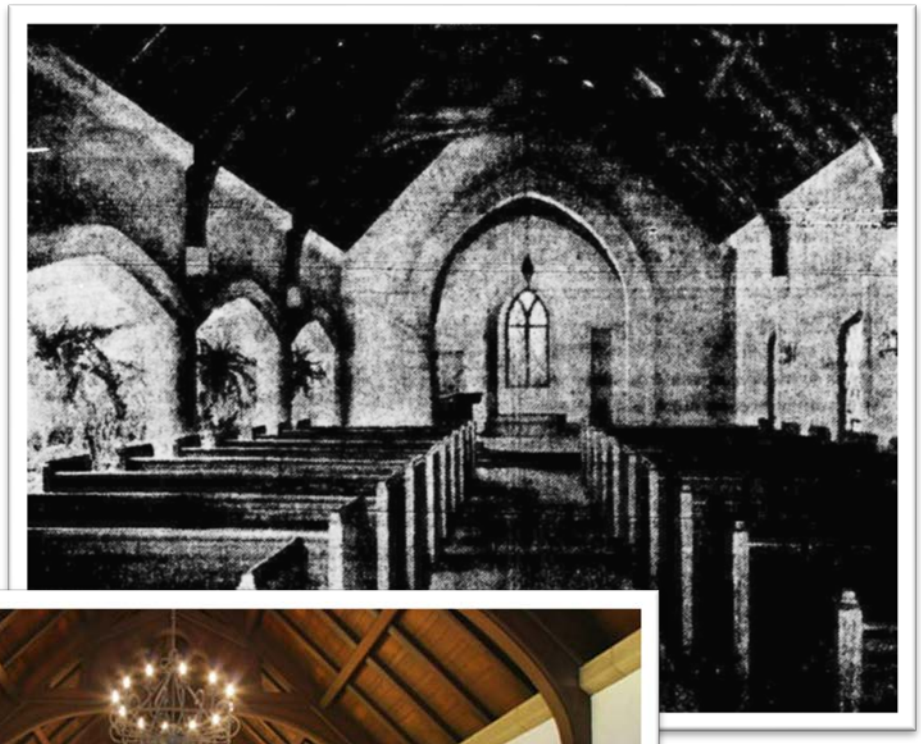
Little Chapel of the Dawn, front (east) facade, looking west, 1936 (SMHM)

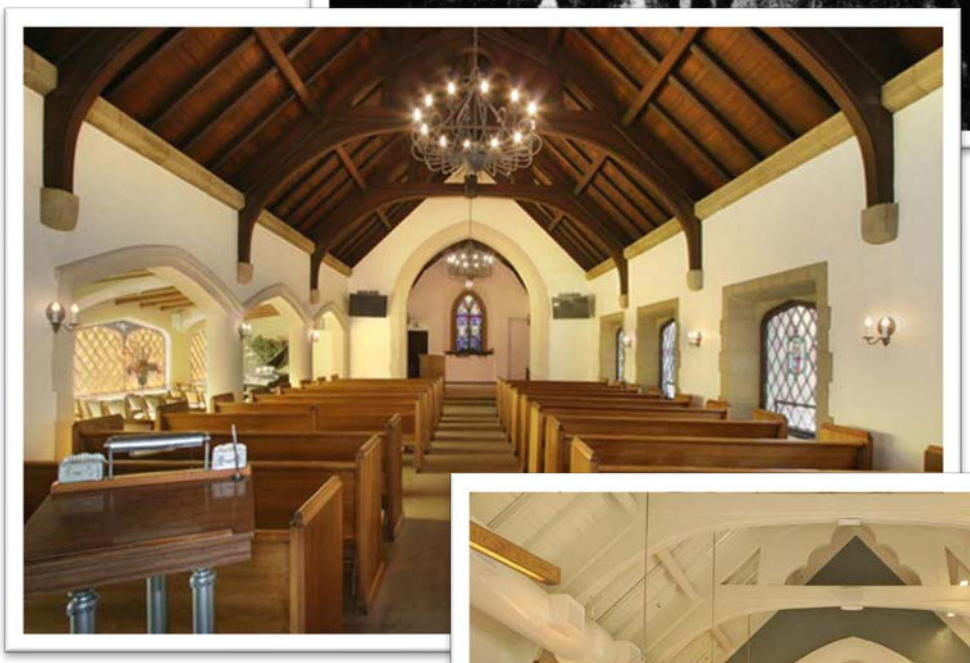
Little Chapel of the Dawn, front (east) facade, looking west, 1940 (SMHM)

PHOTOGRAPHS

LITTLE CHAPEL OF THE DAWN (INTERIOR, VIEW WEST)

1933

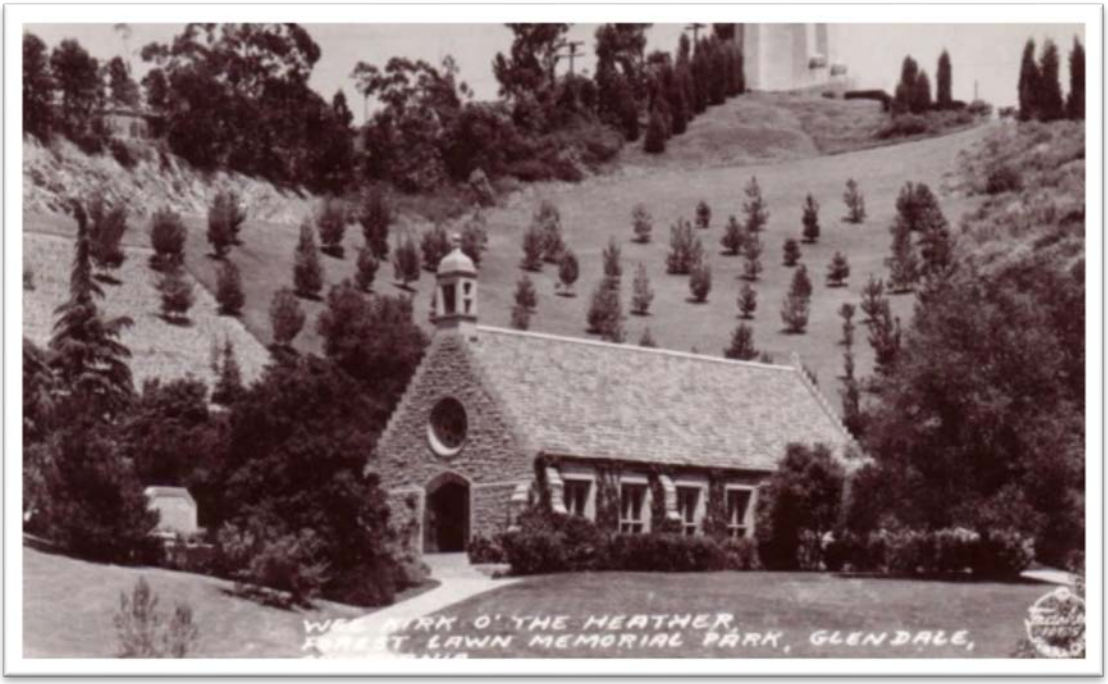




2017

2020

PHOTOGRAPHS

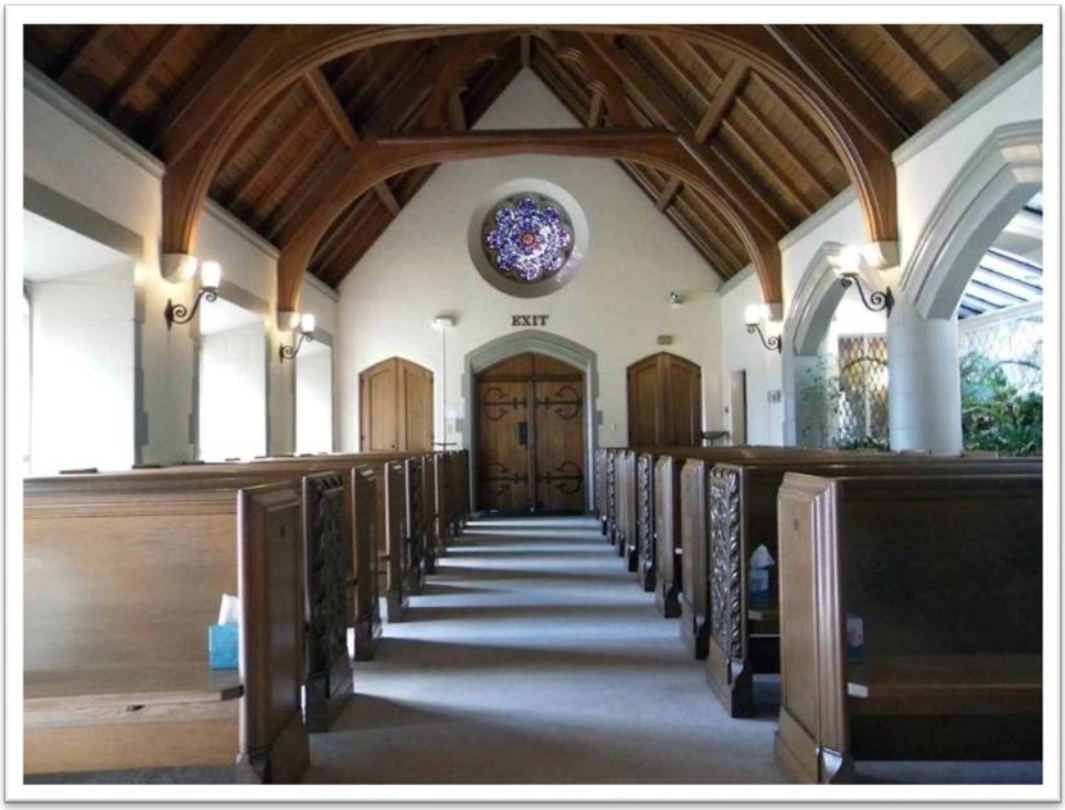


Wee Kirk O' the Heather, Forest Lawn Memorial Park Glendale, 1933

Wee Kirk O' the Heather, Forest Lawn Memorial Park Glendale, CA, 2017

PHOTOGRAPHS

Wee Kirk O' the Heather, Forest Lawn Memorial Park Glendale, 1933



Wee Kirk O' the Heather, Forest Lawn Memorial Park Glendale, CA, 2017

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION

HISTORIC RESOURCES INVENTORY

IDENTIFICATION AND LOCATION

Ser. No. ____ - ____ -
National Register Status 5S1
Local Designation ____

1. Historic name [Potential Ldmk, NR]
*2. Common or current name Gates, Kingsley & Gates
*3. Number & street 1925 Arizona Avenue Cross-corridor ____
City Santa Monica Vicinity only ____ Zip 90404 County LAN
4. UTM zone 11 A ____ B ____ C ____ D ____
5. Quad map No. ____ Parcel No. 4276-013-033 Other ____

DESCRIPTION

6. Property category Building If district, number of documented resources ____
*7. Briefly describe the present physical appearance of the property, including condition, boundaries, related features, surroundings, and (if appropriate) architectural style.

Located on the northwest corner of Arizona Avenue and 20th Street, this is a one and two story mortuary in the Tudor Revival style. The building is L-shaped in plan, with the front-gabled one story chapel located in the northern leg of the "L" and the two story hipped and gabled offices in the recessed western wing. Decorative half-timbering enhances the stuccoed exteriors. Notable features include a buttressed portal and rose window on the chapel facade, steeple-like tower, stone-faced lower story of the west wing, and bay windows, and diamond patterned glazing. In the void created by the "L,", a garden is circled by a driveway spanned by a porte cochere and accented by a fountain. No major alterations were observed.

8. Planning agency
City of Santa Monica

9. Owner & address
Gates, Kingsley & Gates, Inc.
1929 Allen Parkway
Houston, TX 77019

10. Type of ownership Private
11. Present use Commercial
12. Zoning CP3
13. Threats ____

Send a copy of this form to: State Office of Historic Preservation, P.O. Box 942896, Sacramento, CA 94296-0001

*Complete these items for historic preservation compliance projects under Section 106 (36 CFR 800). All items must be completed for historical resources survey information.

HISTORICAL INFORMATION

*14. Construction date(s) 1933 F Original location _____ Date moved _____

15. Alterations & date _____

16. Architect None Builder Maule Building Co.

17. Historic attributes (with number from list) 06--Commercial Building

_____

SIGNIFICANCE AND EVALUATION

18. Context for evaluation: Theme Economic Development Area Santa Monica
Period 1875-1943 Property type Mortuary Context formally developed? No

*19. Briefly discuss the property's importance within the context. Use historical and architectural analysis as appropriate. Compare with similar properties.

The Gates, Kingsley and Gates mortuary is significant for its architectural character. Historically, undertaking establishments in the area have utilized traditional designs, often Colonial Revival or the more ecclesiastical Tudor Revival, as illustrated on this example. Mendenhall and Gates erected this facility in 1933, conveniently close to Santa Monica Hospital. Despite its purpose, the building blends compatibly with the predominantly residential neighborhood surrounding it.

20. Sources
Santa Monica Building Permits
Los Angeles County Tax Assessment Records
City Directories, Sanborn Maps

21. Applicable National Register criteria C

22. Other recognition _____
State Landmark No. (if applicable) _____

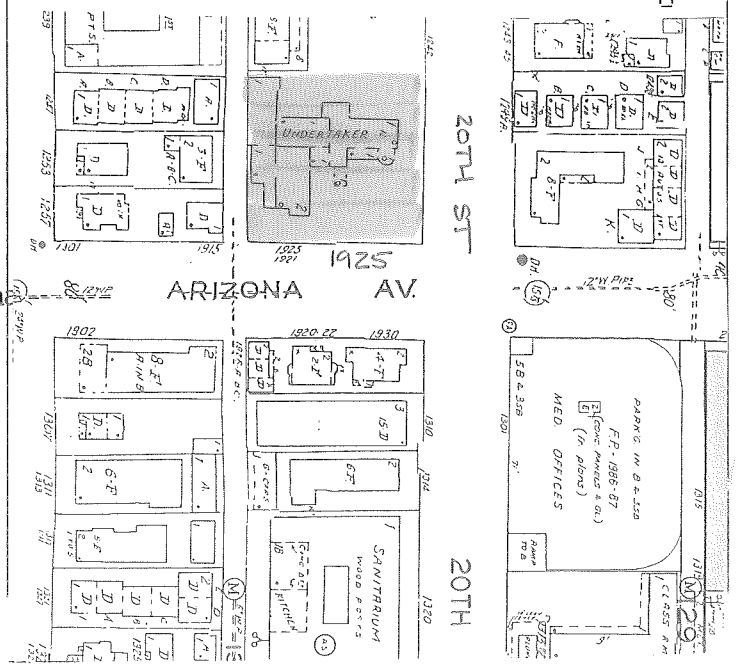
23. Evaluator L. Heumann/Review Committee
Date of evaluation 1992

24. Survey type Comprehensive

25. Survey name Historic Resources Inventory/Ph

*26. Year form prepared 1993
By (name) Leslie Heumann & Associates
Organization City of Santa Monica
Address 1685 Main Street
City & Zip Santa Monica 90401
Phone (310) 458 8341

*Sketch map. Show location and boundaries of property in relation to nearby streets, railways, natural landmarks, etc. Name each feature.



State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

CONTINUATION SHEET

Primary # _____

HRI #/Trinomial _____

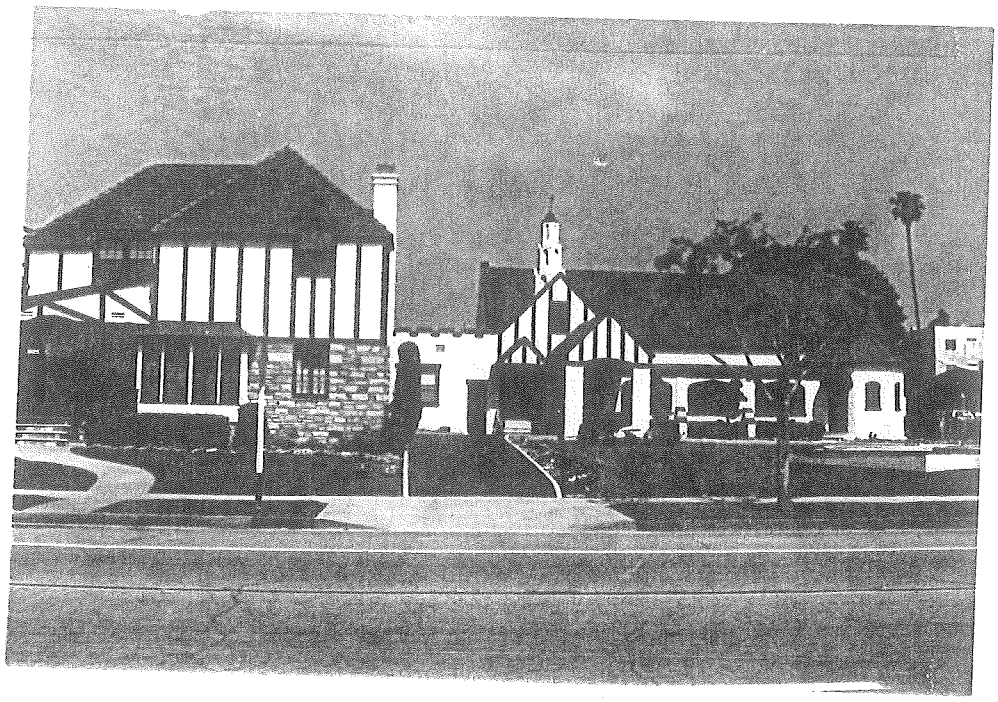
Page 1 of 1

☐ Continuation ☑ Update

Resource Identifier: 1925 Arizona Ave., Kingsley Gates Mortuary, Santa Monica

Building damaged slightly in the January 1994 Northridge Earthquake. Green tagged by the City of Santa Monica Building and Safety Division. Minor cosmetic cracks in stucco have been repaired and repainted to be similar to the building's original appearance.

NRHP Status Code remains the same at 5S1



P11 Report Citation:	Historic Resources Inventory Update for the City of Santa Monica
Date of Field Visit:	3/19/95
Date Form Prepared:	9/28/95
By (name):	Scott Field/Janet Tearnen
Organization:	Parkinson Field Associates
Address:	7985 Santa Monica Blvd. #116
City:	Los Angeles, CA 90043
Phone:	(213) 891-4009

Recorded by: Jones & Stokes **Date:** December 2007 ☐ Continuation ☑ Update

Address on Inventory: 1925 Arizona Ave
Legal Address (Tax Assessor): 1925 Arizona Ave, Santa Monica, CA 90404 **APN:** 4276013033
Property Name: Kingsley Gates Mortuary

Description: The property contains a two-story mortuary. It was designed in the Tudor Revival style. The resource is recorded in the Historic Resources Inventory with a prior evaluation of 5S1 - Phase 3. Also qualifies under local criterion A.1. Excellent example of Tudor Revival style architecture exhibiting a high level of physical integrity.

Alterations: No significant alterations have occurred since the property was last evaluated.

Updated Status Code: 5S3
Historic District(s): (None)
Evaluation: The survey evaluated the resource on the property as falling under criterion A.4 - The property embodies distinguishing architectural characteristics valuable to a study of a period, style, method of construction, or the use of indigenous materials or craftsmanship, or is a unique or rare example of an architectural design, detail or historical type valuable to such a study.

Santa Monica Citywide Historic Resources Survey

Prepared for: City of Santa Monica
1685 Main Street, Santa Monica, CA 90407-2200

Prepared by: P. Moruzzi, M. Potter, K. Lain
ICF International
811 W 7th Street, Suite 800
Los Angeles, CA 90017

PHOTOGRAPHS

Mortuary property at 20th/Arizona, view northwest

Main entry at Administration wing (south elev.) off Arizona Ave.

Administration wing, view west

Admin/chapel juncture, view northwest

Administration north (rear) elevation - garages (right)

Administration wing west (side) elevation at alley, view east

PHOTOGRAPHS

Oblique view of chapel wing (Tartine), view northwest

South elevation of chapel wing (Tartine), fountain planter foreground

Chapel wing outdoor dining area, looking northwest

Front lawn area with fountain (planter), view southwest

Front (east) façade of chapel (Tartine), view west

North elevation of chapel wing (Tartine), looking southeast

PHOTOGRAPHS

Chapel interior, view west transept end (MLS 2017)

Chapel (Tartine) interior, view west transept end (Flickr)

Chapel interior, view east Rose window end (2018)

Chapel (Tartine) interior, view east Rose window end

Chapel south side aisle, view southwest (MLS 2017)

Chapel (Tartine) south side aisle, view south

PHOTOGRAPHS

Oblique view 1234 20th Street, front (east) facade, view northwest

Front (east) façade 1234 20th Street, looking southwest

Front (east) facade 1242 20th Street, looking southwest

West (rear) elevations 1234 (left)/1242 20th Street

Contextual view (1234 20th St, right), looking west

Contextual view (1242 20th St, left), looking southwest

PHOTOGRAPHS

Project site at Arizona Ave./20th St. intersection, view northwest

Project site from mortuary property roof top, view north

Northeast corner view of project site, looking south

View along east side of 20th Street (project site right), view south

1224 20th Street, bungalow-K-8 private school (associated with Lighthouse Church), view west

1220 20th Street, Lighthouse Church (Christian Fellowship Ministries Foursquare Gospel Church), view southwest

OSTASHAY & ASSOCIATES CONSULTING

PO BOX 542 LONG BEACH, CA 90801 562.500.9451

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: 20th Street Wellness Center Project (11250)

County: Los Angeles

USGS Quadrangle

Name: Beverly Hills, CA (see attached map)

Township: 1S / 2S Range: 15W Section(s): 5, 6, 31, 32

Company/Firm/Agency:

Dudek

Contact Person: Erica Nicolay

Street Address: 38 North Marengo Avenue

City: Pasadena Zip: 91101

Phone: (626) 204-9830 Extension: N/A

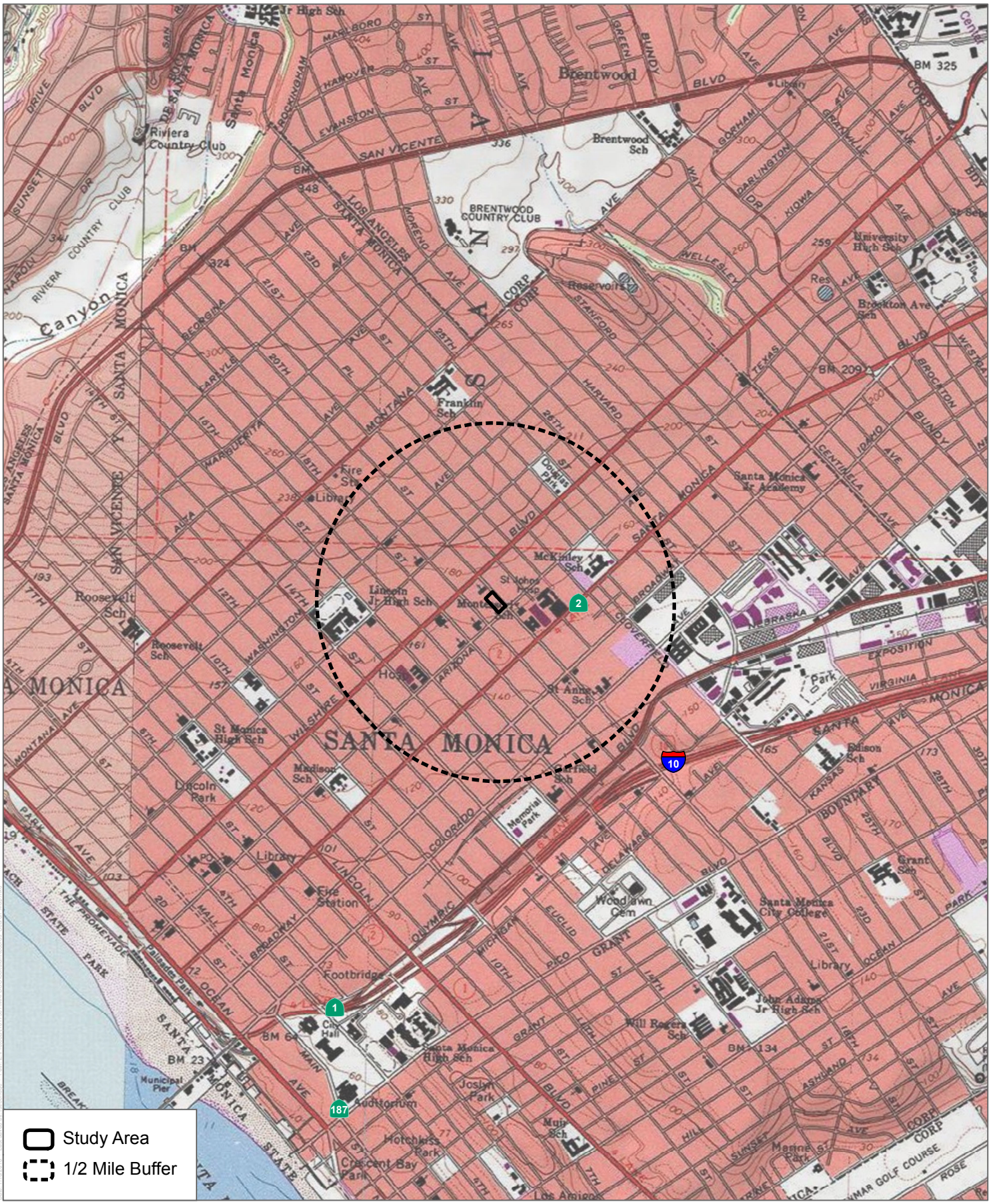
Fax: (760) 632-0164

Email: enicolay@dudek.com

Project Description:

The proposed project would involve the development of an approximately 67,513 square foot facility dedicated to Medical Research and Development, Office and Outpatient ("Wellness Center" at 1242 20th Street in the City of Santa Monica. The proposed project would include 59,548 sf of new construction and adaptive reuse of approximately 7,965 sf of an existing building. The proposed Wellness Center provide research & development (R&D) uses, clinic/office space, and cultural facilities in the City's Health Care Mixed Use (HMU) District.

☑ Project Location Map is attached



SOURCE: USGS 7.5-Minute Series Beverly Hills Quadrangle
Township 1S, 2S; Range 15W; Sections 5, 6, 31, 32

DUDEK

0 1,000 2,000 Feet
0 250 500 Meters
1:24,000

Records Search

20th Street Wellness Center Project

Erica Nicolay

From: Erica Nicolay
Sent: Tuesday, July 17, 2018 9:09 AM
To: 'nahc@nahc.ca.gov'
Subject: RE: SLF Search and Consultation List Request

Please note this project is the 20th Street Wellness Center Project, not the Oso Lift Station Project, sorry for the mistake,
-Erica Nicolay

From: Erica Nicolay
Sent: Tuesday, July 17, 2018 9:08 AM
To: 'nahc@nahc.ca.gov' <nahc@nahc.ca.gov>
Subject: SLF Search and Consultation List Request

To whom it may concern,

Please find the attached Sacred Lands File and Native American Contacts List Request for the Oso Lift Station Project. The proposed project would involve the development of an approximately 67,513 square foot facility dedicated to Medical Research and Development, Office and Outpatient ("Wellness Center" at 1242 20th Street in the City of Santa Monica. The proposed project would include 59,548 sf of new construction and adaptive reuse of approximately 7,965 sf of an existing building. The proposed Wellness Center provide research & development (R&D) uses, clinic/office space, and cultural facilities in the City's Health Care Mixed Use (HMU) District.

If you have any comments or concerns please contact me at this email or at the phone numbers listed below.

Thank you,

Erica Nicolay, MA
Archaeologist

DUDEK
38 North Marengo Avenue
Pasadena, California 91101
O: 626.204.9830
C: 760.936.7952
Ext. 5230
www.dudek.com

STATE OF CALIFORNIA Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-5471

July 25, 2018

Erica Nicolay

Dudek

Sent by Email: enicolay@dudek.com

Re: 20th Street Wellness Center Project, Los Angeles County

Dear Ms. Nicolay,

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not preclude the presence of cultural resources in any project area. Other sources for cultural resources should also be contacted for information regarding known and/or recorded sites.

Enclosed is a list of Native Americans tribes who may have knowledge of cultural resources in the project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these tribes, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at 916-573-1033 or frank.lienert@nahc.ca.gov.

Sincerely,

Frank Lienert
Associate Governmental Program Analyst

Native American Heritage Commission
Native American Contacts
July 25, 2018

Santa Ynez Band of Chumash Indians
Kenneth Kahn. Chairperson
P.O. Box 517 — Chumash
Santa Ynez , CA 93460
kkahn@santaynezchumash.org
(805) 688-7997

(805) 686-9578 Fax

Fernandeno Tataviam Band of Mission Indians
Rudy Ortega Jr.. Tribal President
1019 Second Street. Suite 1 — Fernandeno
San Fernando , CA 91340 — Tataviam
rortega@tataviam-nsn.us
(818) 837-0794

(818) 837-0796 Fax

Barbareno/Ventureno Band of Mission Indians
Julie Lynn Tumamait-Stenslie. Chair
365 North Poli Ave — Chumash
Ojai , CA 93023
itumamait@hotmail.com
(805) 646-6214

Barbareno/Ventureno Band of Mission Indians
Patrick Tumamait
992 El Camino Corto — Chumash
Ojai , CA 93023
(805) 216-1253 Cell

Kitanemuk & Yowlumne Teion Indians
Delia Dominguez. Chairperson
115 Radio Street — Yowlumne
Bakersfield , CA 93305 — Kitanemuk
deedominguez@juno.com
(626) 339-6785

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales. Chairperson
P.O. Box 693 — Gabrielino Tongva
San Gabriel , CA 91778
GTTribalcouncil@aol.com
(626) 483-3564 Cell

(626) 286-1262 Fax

Gabrielino /Tongva Nation
Sandonne Goad. Chairperson
106 1/2 Judge John Aiso St., #231 — Gabrielino Tongva
Los Angeles , CA 90012
sgoad@gabrielino-tongva.com
(951) 807-0479

San Manuel Band of Mission Indians
Lee Clauss. Director-CRM Dept.
26569 Community Center Drive — Serrano
Highland , CA 92346
lclauss@sanmanuel-nsn.gov
(909) 864-8933

(909) 864-3370 Fax

Kern Valley Indian Community
Robert Robinson. Chairperson
P.O. Box 1010 — Tubatulabal
Lake Isabella , CA 93283 — Kawaiisu
brobinson@iwvisp.com
(760) 378-2915 Cell

Gabrielino-Tongva Tribe
Linda Candelaria. Chairperson
No Current Address on File — Gabrielino

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
20th Street Wellness Center Project, Los Angeles County

Native American Heritage Commission
Native American Contacts
July 25, 2018

Soboba Band of Luiseno Indians
Joseph Ontiveros. Cultural Resource Department
P.O. BOX 487 Luiseno
San Jacinto , CA 92581 Cahuilla
iontiveros@soboba-nsn.gov
(951) 663-5279
(951) 654-5544, ext 4137
(951) 654-4198 Fax

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas. Chairperson
P.O. Box 393 Gabrielino
Covina , CA 91723
admin@gabrielenoindians.org
(626) 926-4131

Barbareno/Ventureno Band of Mission Indians
Eleanor Arrellanes
P.O. Box 5687 Chumash
Ventura , CA 93005
(805) 701-3246

Barbareno/Ventureno Band of Mission Indians
Raudel Joe Banuelos. Jr.
331 Mira Flores Court Chumash
Camarillo , CA 93012
(805) 427-0015

Gabrielino-Tongva Tribe
Charles Alvarez. Councilmember
23454 Vanowen St. Gabrielino
West Hills , CA 91307
roadkingcharles@aol.com
(310) 403-6048

San Manuel Band of Mission Indians
Lynn Valbuena
26569 Community Center Dr. Serrano
Highland , CA 92346
(909) 864-8933

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

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This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed 20th Street Wellness Center Project, Los Angeles County

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Charles Alvarez, Councilman
Gabrieleno Tongva Tribe
23454 Vanowen St.
West Hills, CA 91307

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Alvarez:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

The proposed project is at the corner of Arizona Avenue and 20th Street in an urbanized area of Santa Monica, approximately 0.7 miles northwest of the I-10 freeway. Specifically the project site is in section 5 of Township 2 South, Range 15 West, as depicted on the attached 1:24,000 scale *Beverly Hills* topographic quadrangle map (see attached map).

A California Historical Resources Information System (CHRIS) records search was completed at the Southern California Information Center (SCCIC) for the project study area and a 0.5-mile radius. The records search found that of eight resources that have been recorded within the record search area, none intersect the project area. The eight resources are all built environment resources.

Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on July 25, 2018, which stated that the SLF search for the proposed project and a 0.5-mile buffer was negative. The NAHC stated that the absence of specific

information regarding sites in the area did not preclude their existence and recommended that we contact you regarding your knowledge of cultural resources that may be impacted by this project. If you have any knowledge of cultural resources that may exist within or near the proposed project area, please contact me directly at either phone number listed below, enicolay@dudek.com, or at 38 North Marengo Avenue, Pasadena, CA, 91101 within 30 days of receipt of this letter.

Please note that the request herein is for informational purposes only and does not constitute Assembly Bill (AB) 52 notification or initiation of consultation. All information provided will be considered confidential and not shared with the public.

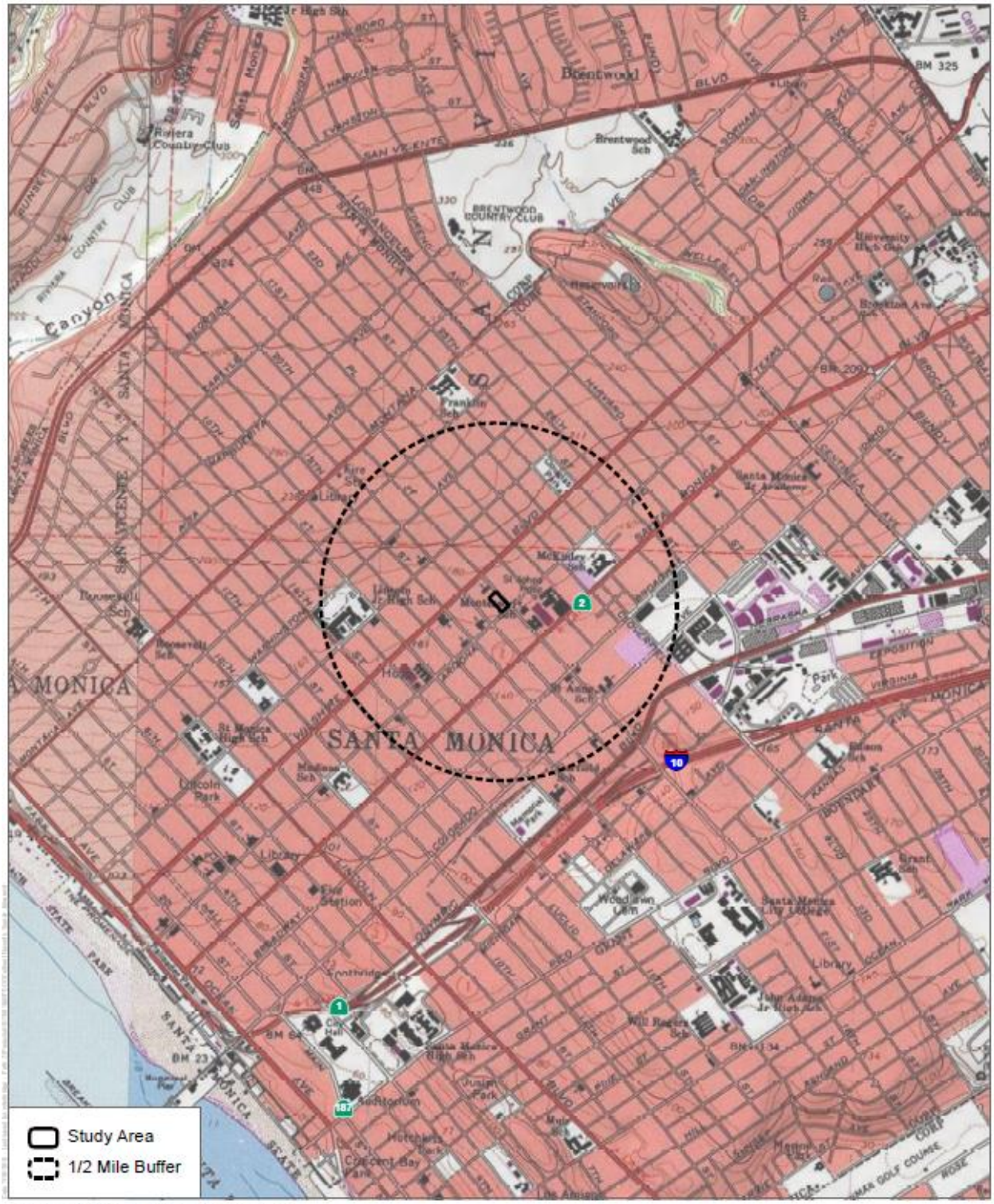
Sincerely,

Erica Nicolay, MA,
Archaeologist
DUDEK
Cell: 760.936.7952

Attachments: *Figure 1*

Mr. Alvarez:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*



DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Ms. Eleanor Arrellanes,
Barbareno/Ventureno Band of Mission Indians
P.O. Box 5687
Ventura, CA 93012

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Ms. Arrellans:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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Ms. Arrellans:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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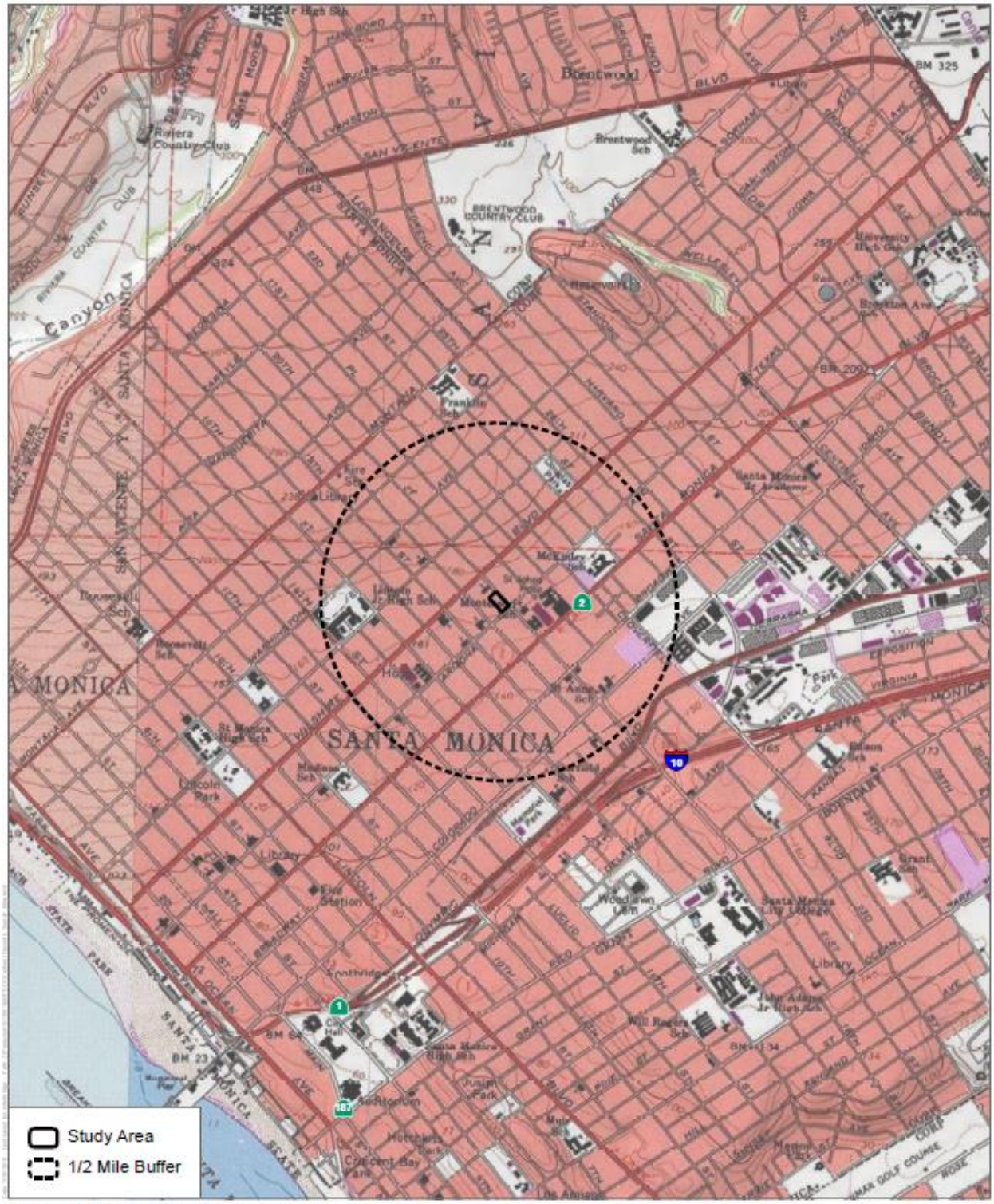
Sincerely,

Erica Nicolay, MA,
Archaeologist
DUDEK
Cell: 760.936.7952

Attachments: *Figure 1*

Ms. Arrellans:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*



SOURCE: USGS 7.5-Minute Series Beverly Hills Quadrangle
Township 1S, 2S; Range 15W; Sections 5, 6, 31, 32

DUDEK

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Raudel Jo Banuelos, Jr.,
Barbareno/Ventureno Band of Mission Indians
331 Mira Flores Court
Camarillo, CA 93012

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Banuelos, Jr.:

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Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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Archaeologist
DUDEK
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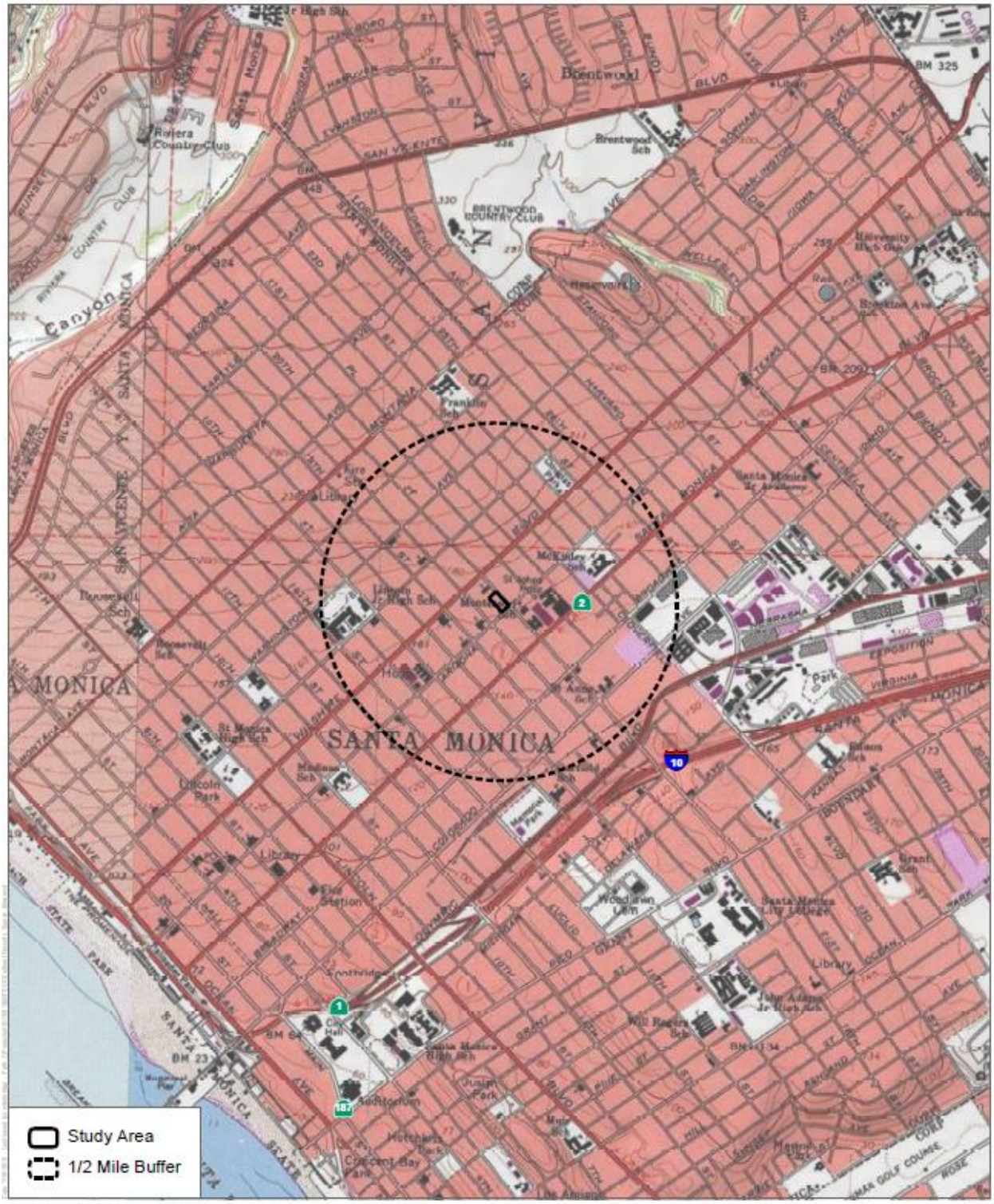

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1:24,000

DUDEK

Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Lee Clauss, Director of Cultural Resources
San Manuel Band of Mission Indians
26569 Community Center
Highland, CA 92346

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Clauss:

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Mr. Clauss:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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Archaeologist
DUDEK
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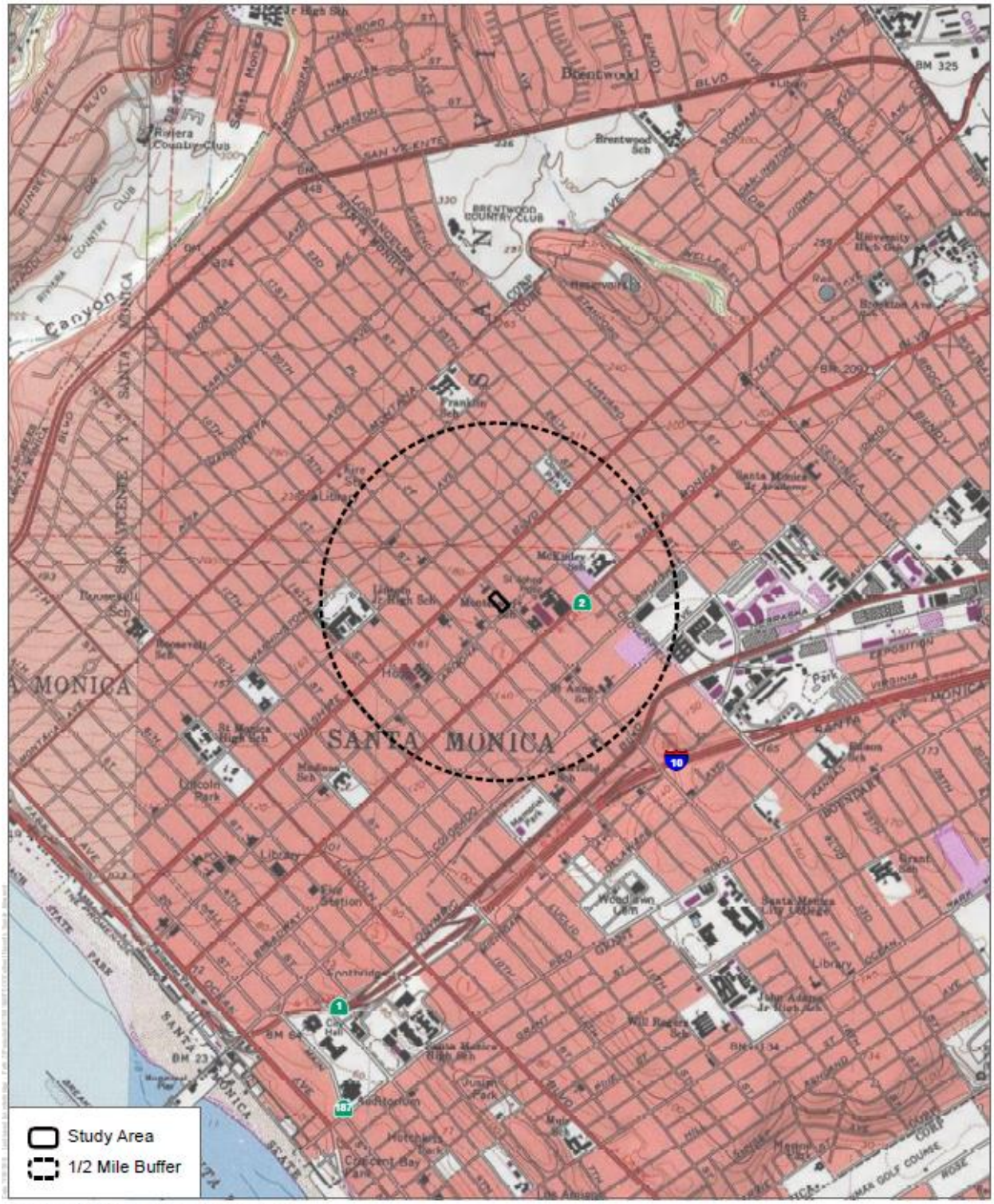
Study Area
1/2 Mile Buffer
SANTA MONICA
MONICA
Brentwood
Canyon
Riviera Country Club
Brentwood Country Club
Franklin Sch
McKinley Sch
Lincoln Park
Library
Fire Station
Woodlawn Cem
Santa Monica City College
Will Rogers Sch
John Adams Jr High Sch
Santa Monica High Sch
Crescent Bay Park
Palisades Park
Mountain View Cem
Holy Cross Cem
Marine Park
Memorial Park
Clover Park
Reservoir
Recreation
Library
Fire Station
Post Office
City Hall
Civic Center
Municipal Pier
Pier
Beach
Parking
Golf Course
Tennis Courts
Swimming Pool
Public Restrooms
Lifeguard Station
Bicycle Path
Pedestrian Path
Boundary
Expo
Exposition
Olympic
Wilshire
Montana
Colorado
Broadway
Arizona
Santa Monica
Ocean
Pacific
Coast
Highway
Freeway
Boulevard
Avenue
Street
Drive
Place
Terrace
Lane
Road
Court
Circle
Canyon
Hill
Heights
Park
Creek
Bridge
Tunnel
Cemetery
School
Church
Hospital
Library
Fire Station
Police

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Ms. Delia Dominguez, Chairperson
Kitanemuk & Yowlumne Tejon Indians
115 Radio St.
Bakersfield, CA 93305

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Ms. Dominguez:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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Ms. Dominguez:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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Archaeologist
DUDEK
Cell: 760.936.7952

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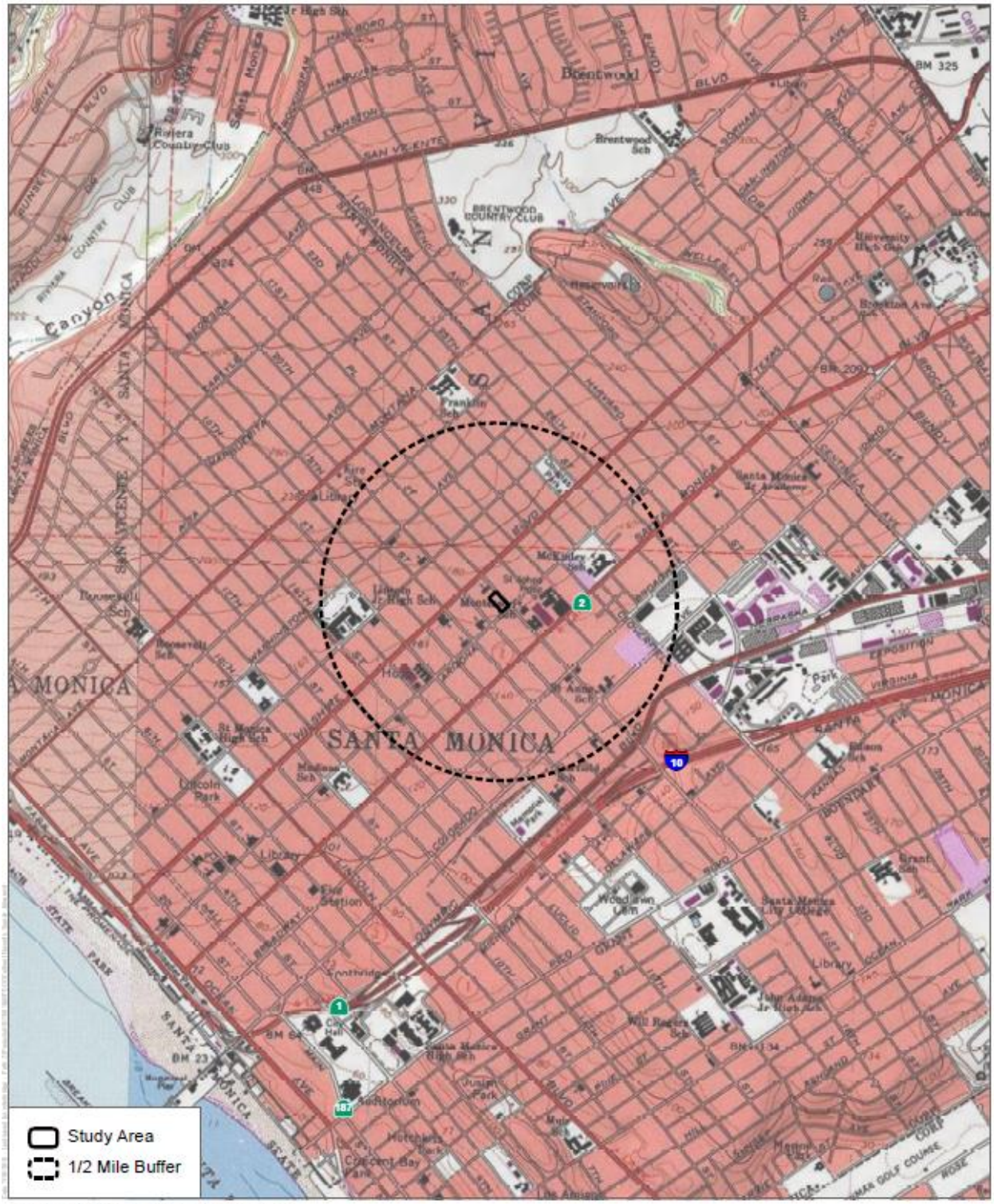

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DUDEK

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Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Ms. Sandonne Goad, Chairperson
Gabrielino-Tongva Nation
106 1/2 Judge John Also St.
Los Angeles, CA 90012

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Ms. Goad:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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Archaeologist
DUDEK
Cell: 760.936.7952

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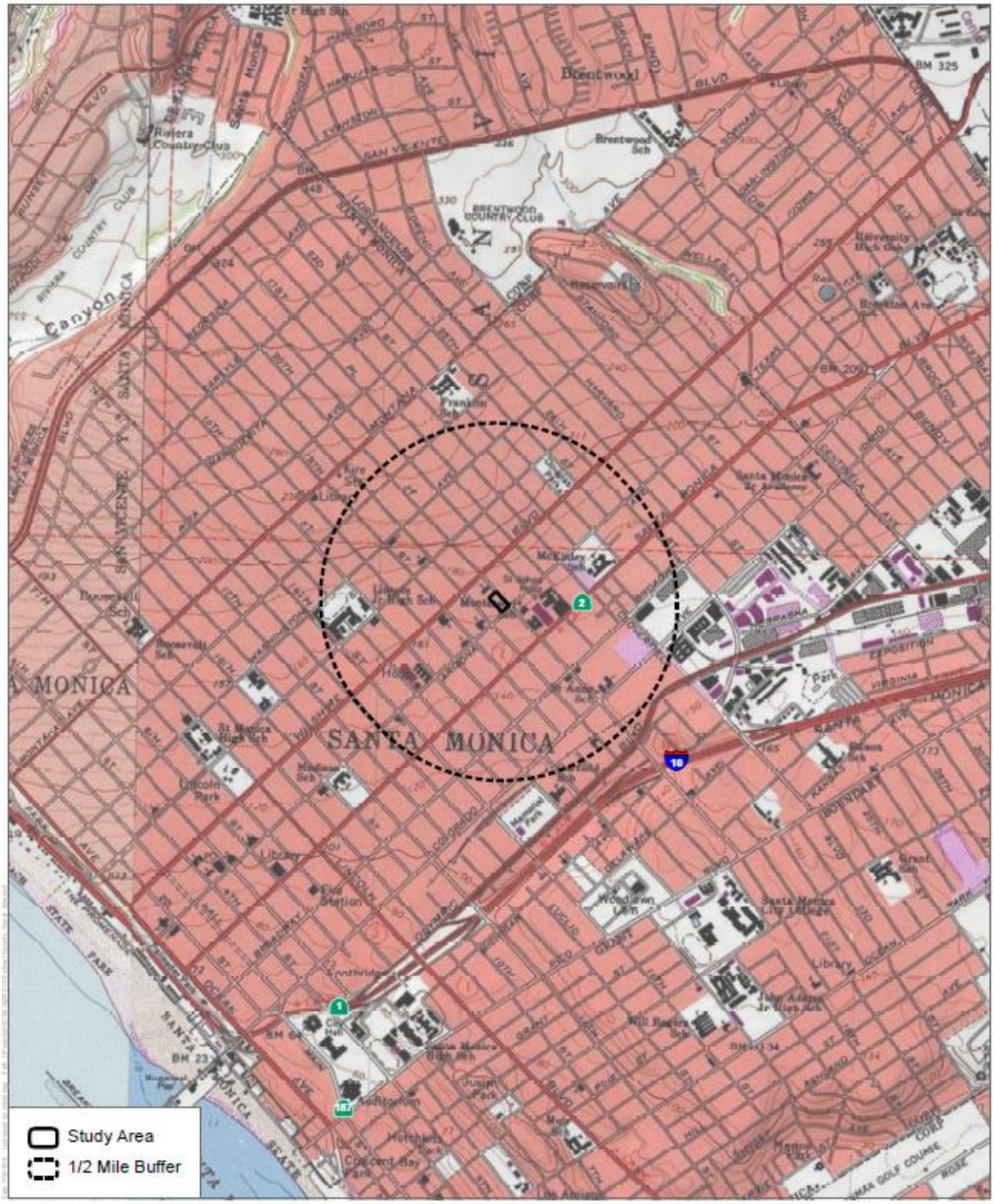

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Kenneth Kahn, Chairperson
Santa Ynez Band of Mission Indians
P.O. Box 517
Santa Ynez, CA 93460

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Kahn:

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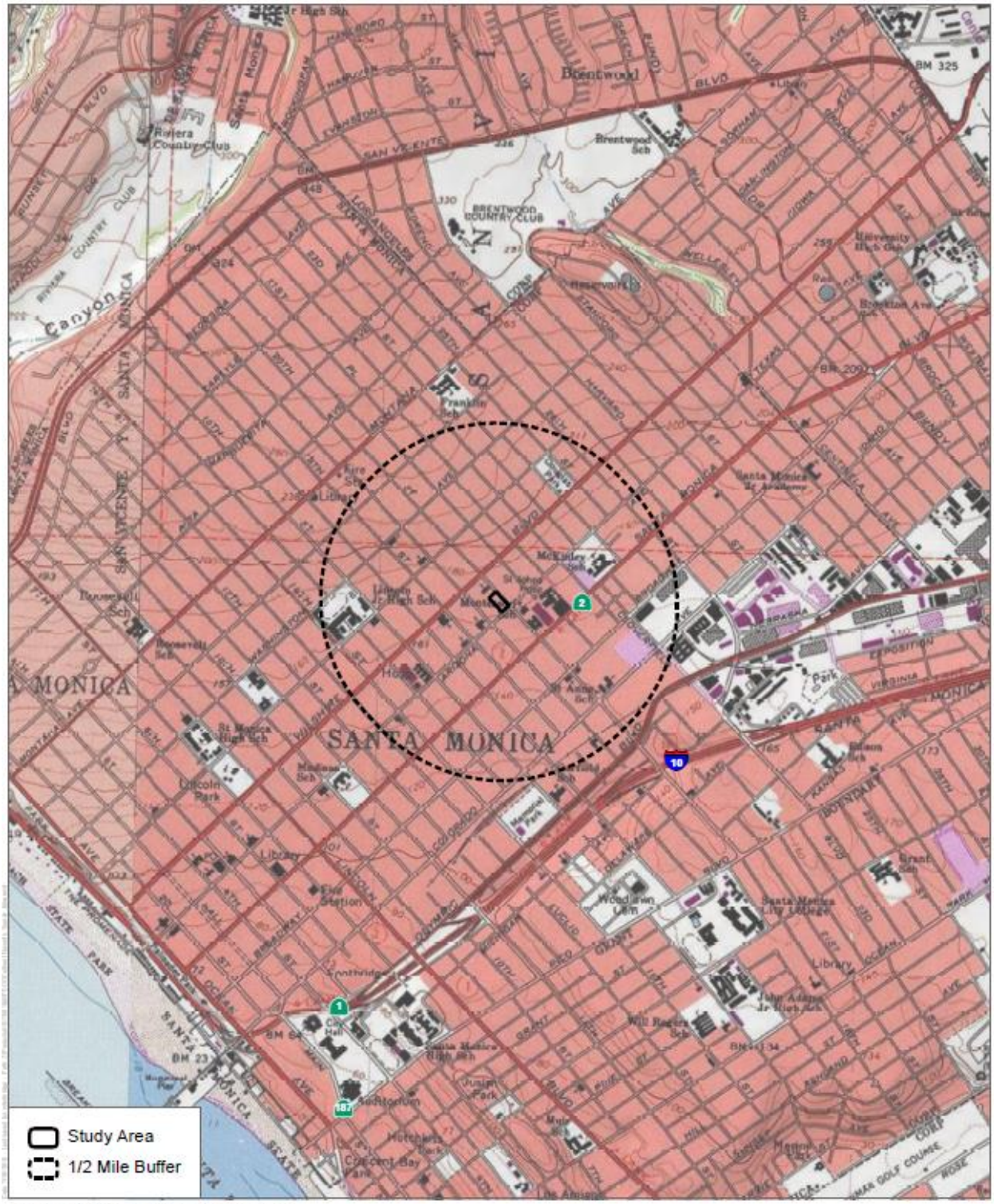

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DUDEK

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Anthony Morales, Chairperson
Gabrieleno/Tongva San Gabriel Band of Mission Indians
P.O. Box 693
San Gabriel, CA 91778

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

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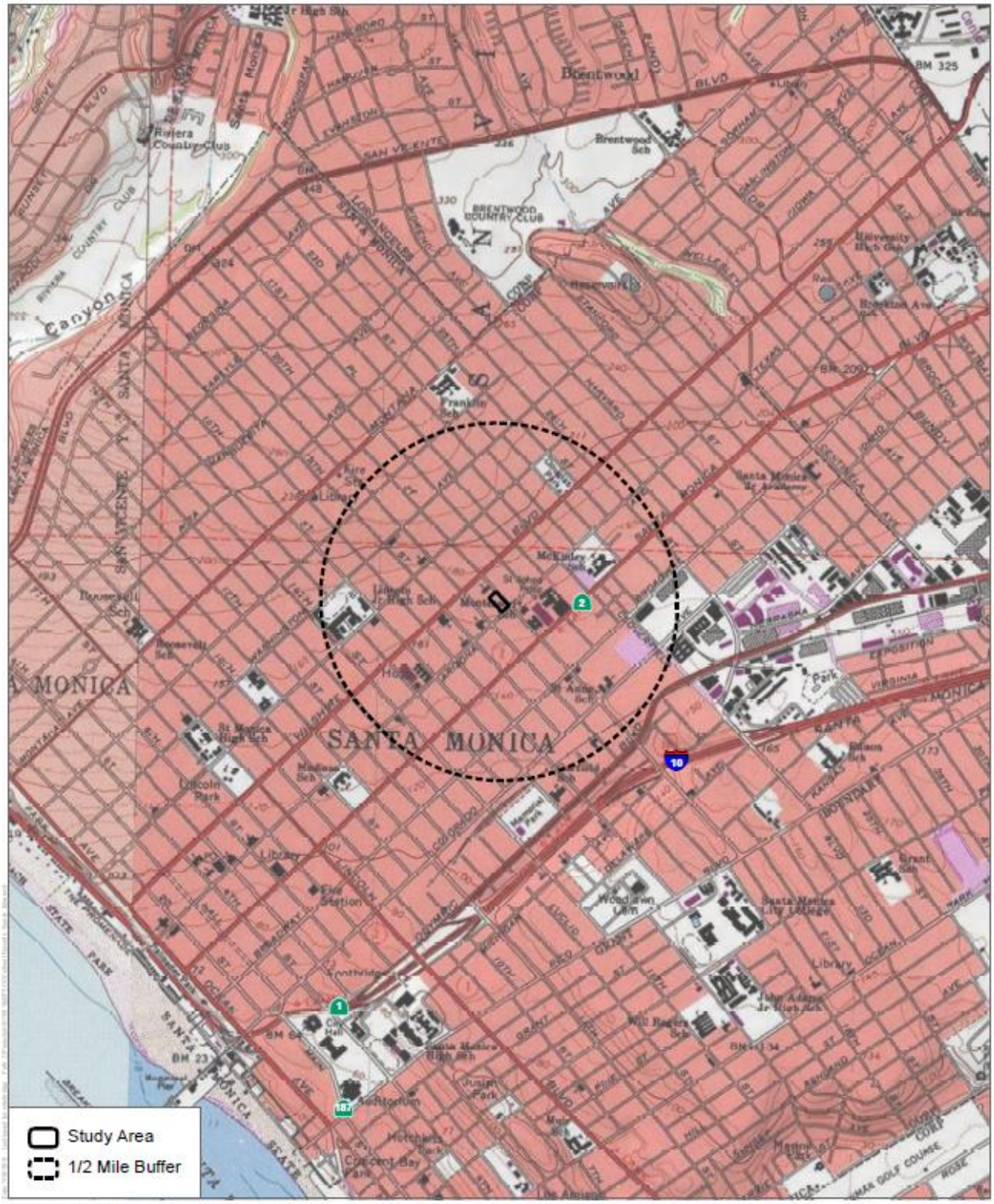

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Joseph Ontiveros, Cultural Resource Department
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Ontiveros:

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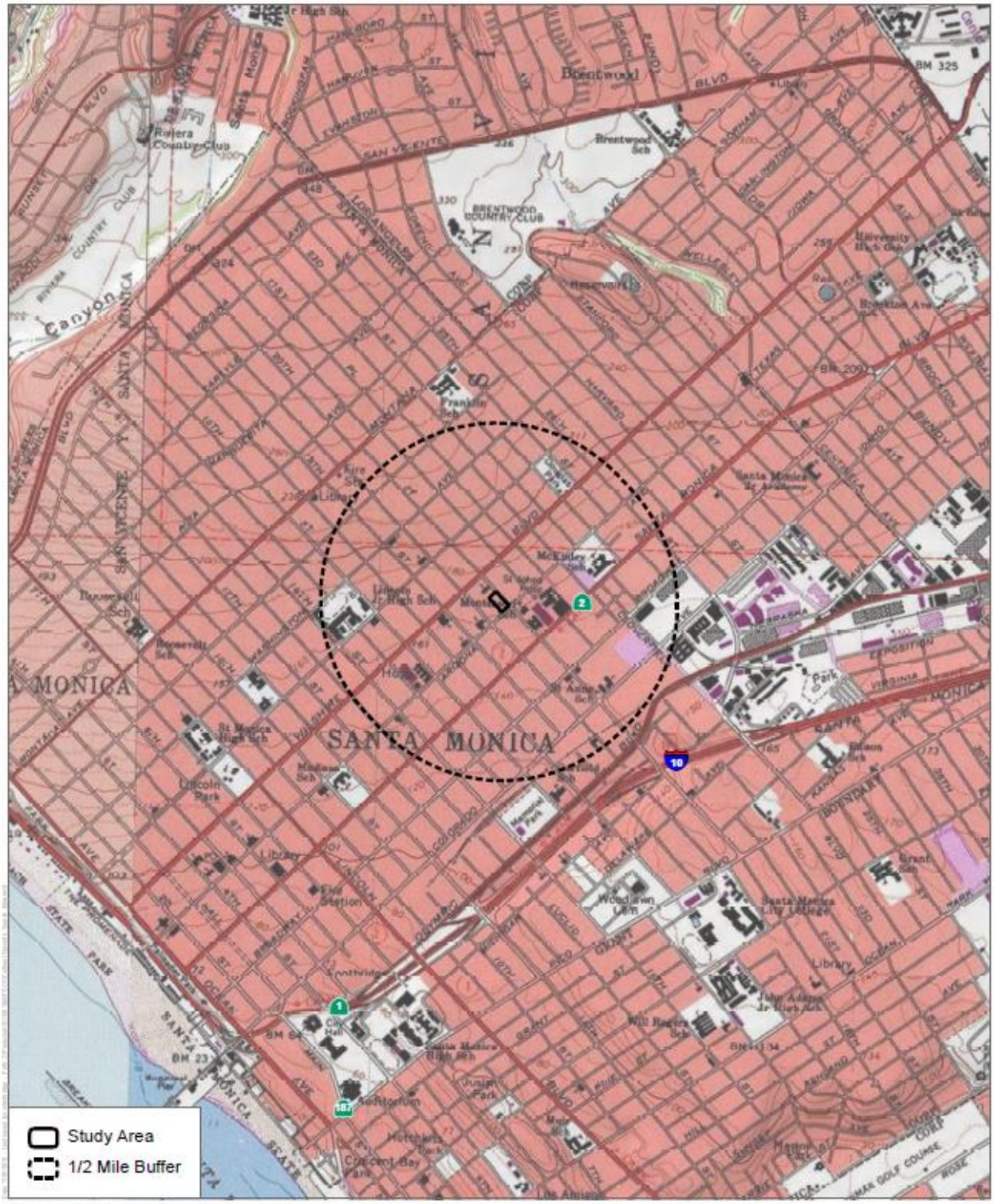

SOURCE: USGS 7.5-Minute Series Beverly Hills Quadrangle
Township 1S, 2S; Range 15W; Sections 5, 6, 31, 32

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DUDEK

Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Rudy Ortega, Jr., President
Fernandeno Tataviam Band of Mission Indians
1019 2nd St. #1
San Fernando, CA 91340

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Ortega, Jr.:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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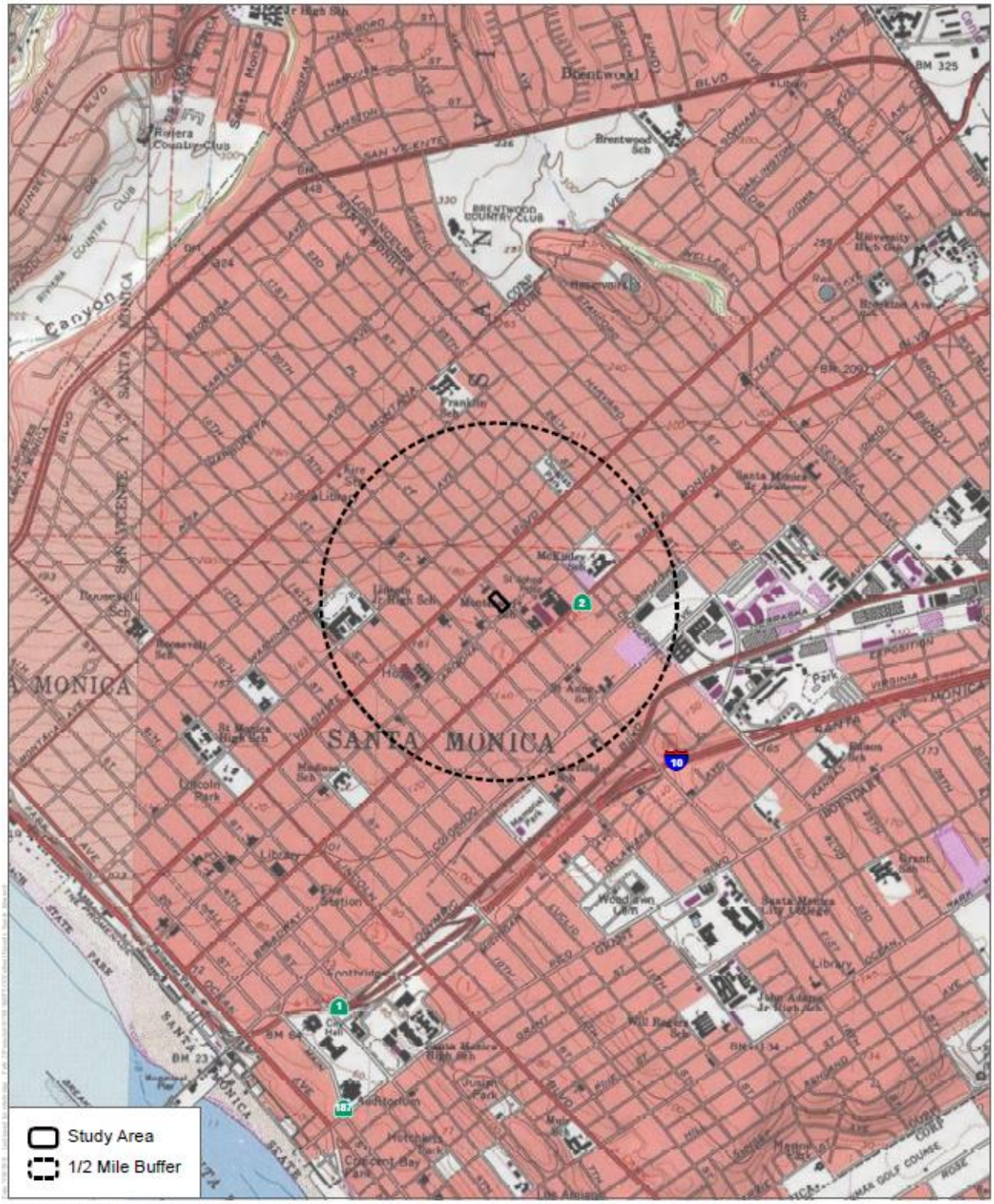
Please note that the request herein is for informational purposes only and does not constitute Assembly Bill (AB) 52 notification or initiation of consultation. All information provided will be considered confidential and not shared with the public.

Sincerely,

Erica Nicolay, MA,
Archaeologist
DUDEK
Cell: 760.936.7952

Attachments: *Figure 1*



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DUDEK

Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Robert Robinson, Chairperson
Kern Valley Indian Council
P.O. Box 401
Weldon, CA 93283

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Robinson:

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Mr. Robinson:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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Archaeologist
DUDEK
Cell: 760.936.7952

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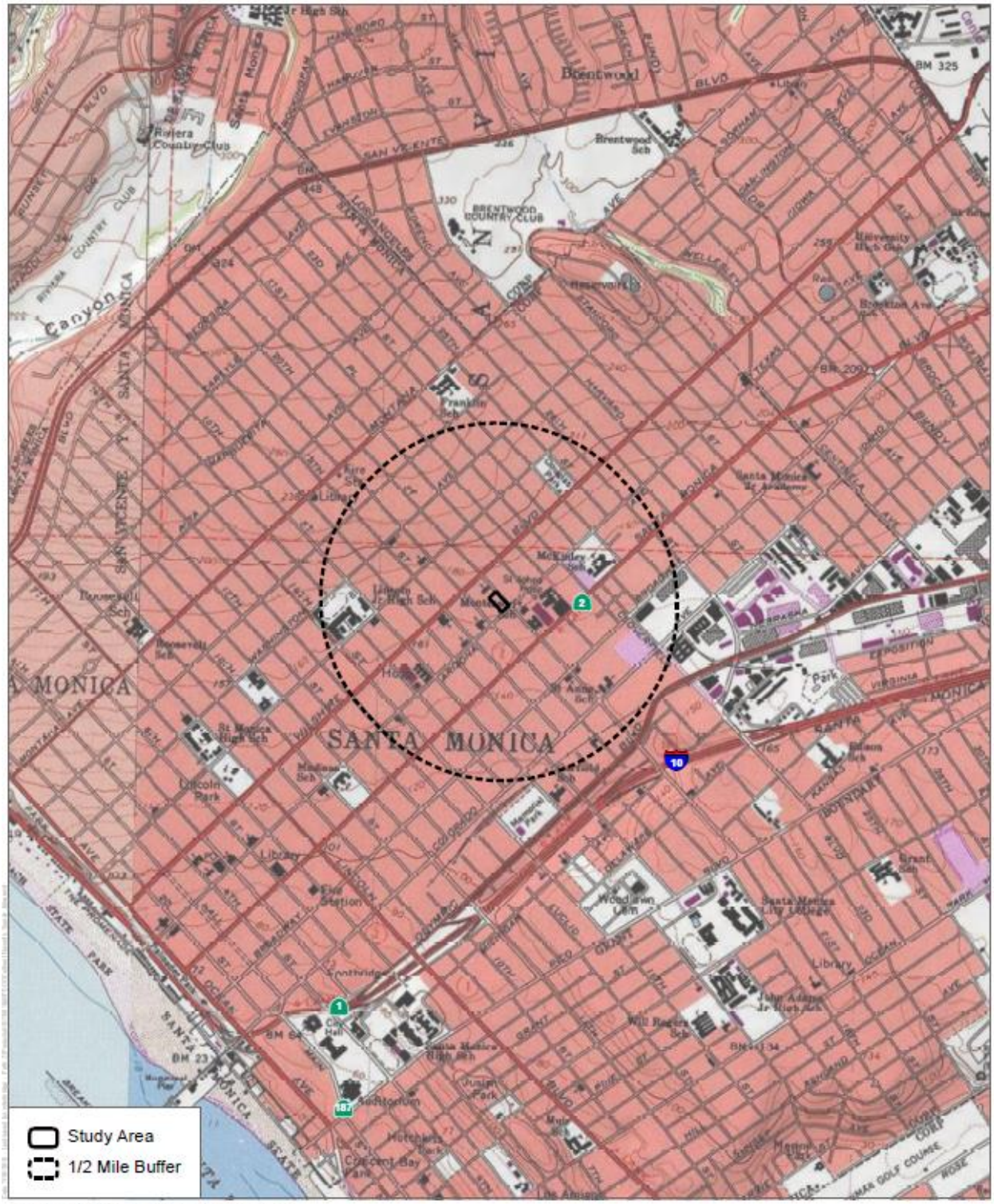

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DUDEK

Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Andrew Salas, Chairperson
Gabrieleno Band of Mission Indians
P.O. Box 393
Covina, CA 91723

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Salas:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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Mr. Salas:

Subject: *20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California*

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Erica Nicolay, MA,
Archaeologist
DUDEK
Cell: 760.936.7952

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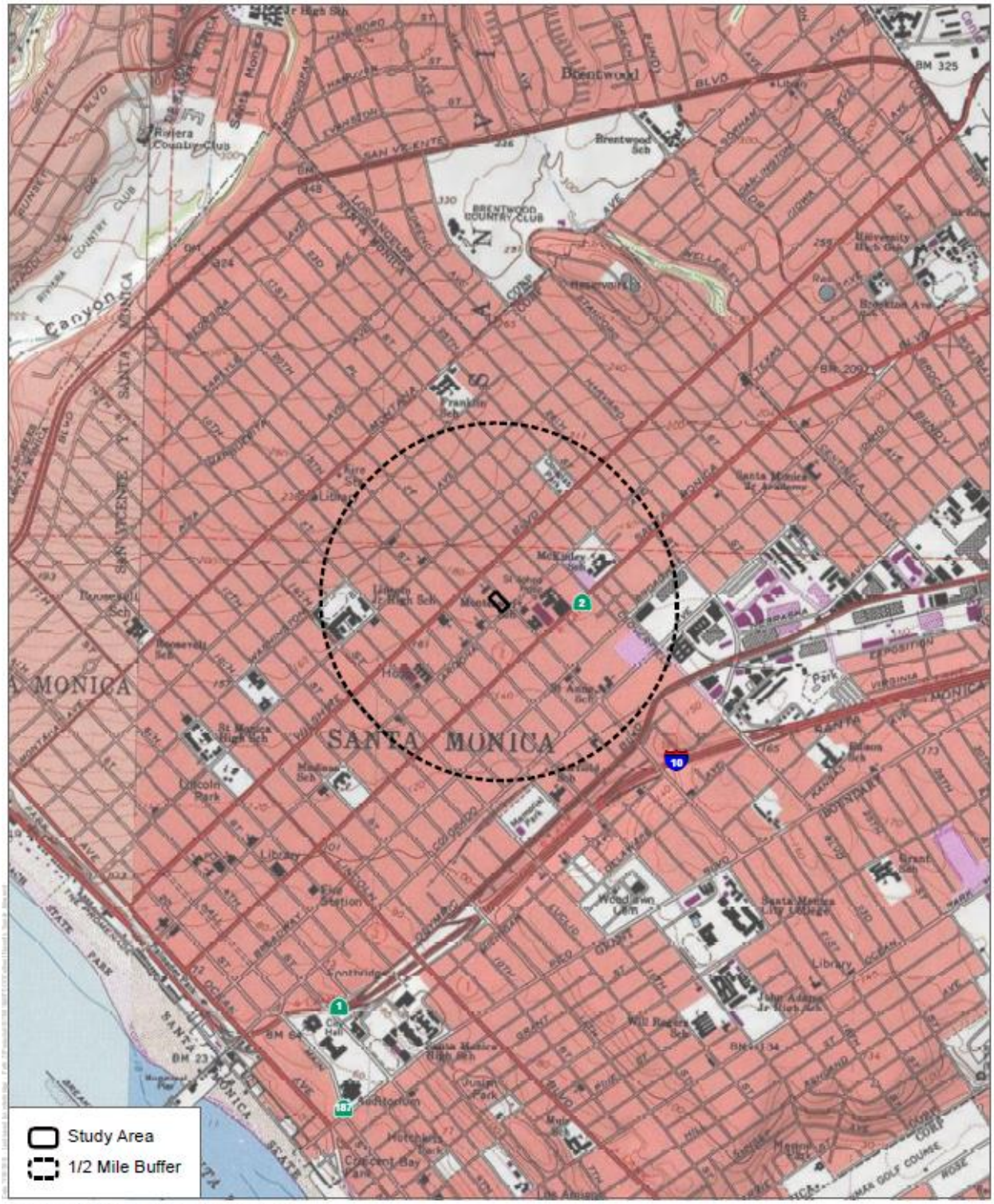
Study Area
1/2 Mile Buffer
SANTA MONICA
Brentwood
Canyon
Riviera Country Club
Brentwood Country Club
Franklin Sch
Lincoln Park
Library
Fire Station
Woodlawn Cem
Will Rogers Sch
Crescent Bay Park
Hotchkis Park
Mesa Park
Memorial Park
Pier
Civic Ctr
Santa Monica High Sch
Edison Park
Clover Park
Mckinley Park
Palisades Park
Marine Park
Ocean Park
Expo Park
Virginia Park
Belmar Park
Reservoir
Lincoln Jr High Sch
Roosevelt Sch
Madison Sch
Grant Sch
John Adams Jr High Sch
Santa Monica City College
Santa Monica Pier
Municipal Golf Course
Rustic Canyon
Brentwood Sch
University High Sch
Santa Monica Jr Academy
Library
Post Office
Fire Station
Library
Library
Library

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Mr. Patrick Tumamait,
Barbareno/Ventureno Band of Mission Indians
992 El Camino Corto
Ojai, CA 93023

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Mr. Tumamalt:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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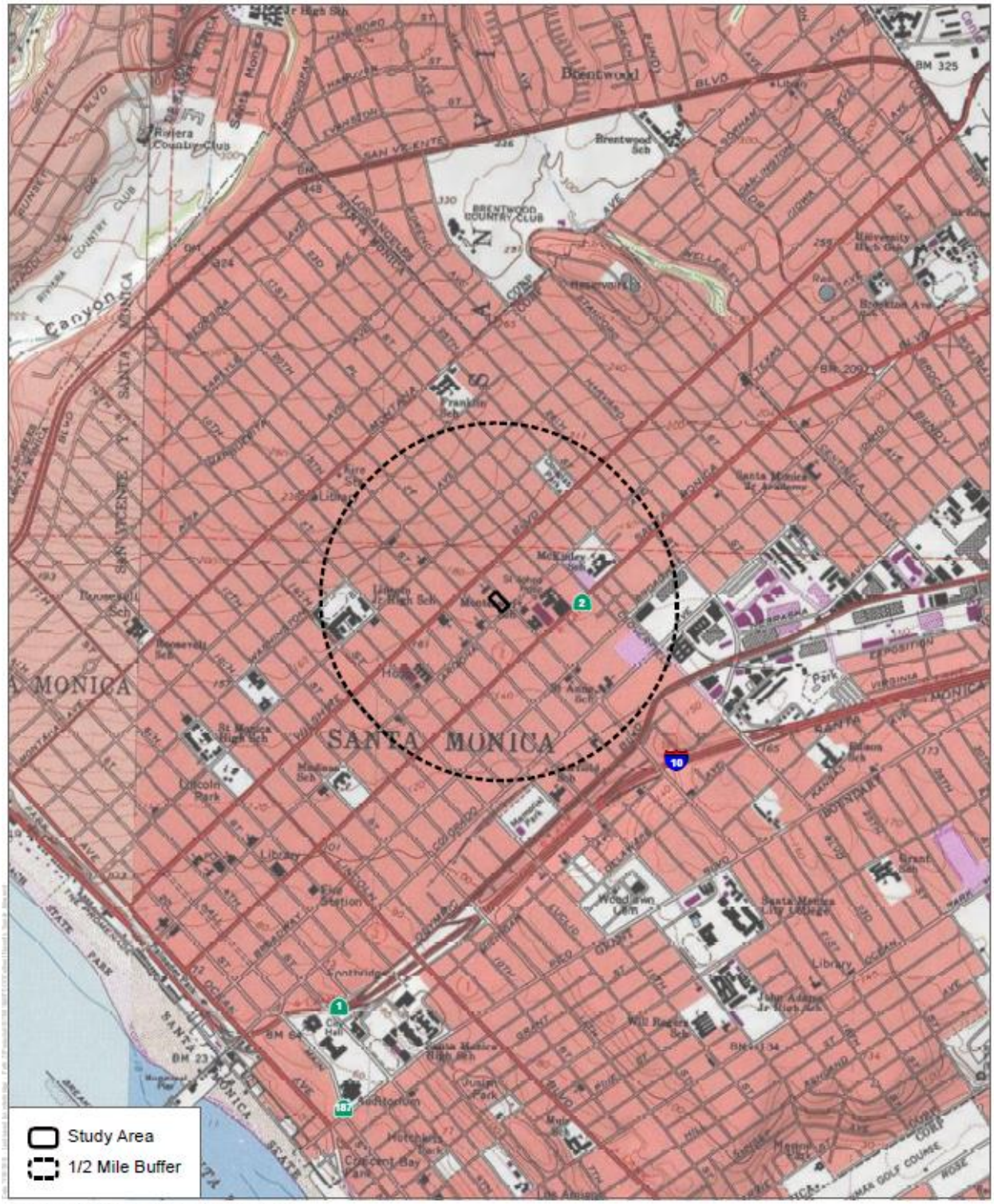

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DUDEK

Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Ms. Julie Lynn Tumamait-Stennslie, Chair
Barbareno/Ventureno Band of Mission Indians
365 North Poll Ave
Ojai, CA 93023

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Ms. Tumamalt-Stennslie:

The City of Santa Monica is proposing to develop the 20th Street and Arizona Avenue Wellness Center Project at 1925 Arizona Avenue and 1242 20th Street. The project involves the demolition of two existing multi-family residential units and a garage attached to the Little Chapel of the Dawn to facilitate the construction of a new 67,500-square-foot mixed-use building that would accommodate 20,440 square feet of research and development space, a 40,000-square-foot medical clinic, and 7,060 square feet of cultural facilities. Project development would involve the construction of a new three-story modern building with five subterranean levels of parking. A total of 271 parking spaces would be included in the subterranean parking structure. The building would be attached to the existing Tudor Revival style building associated with the Little Chapel of the Dawn, which would be adaptively reused as community rooms and/or offices.

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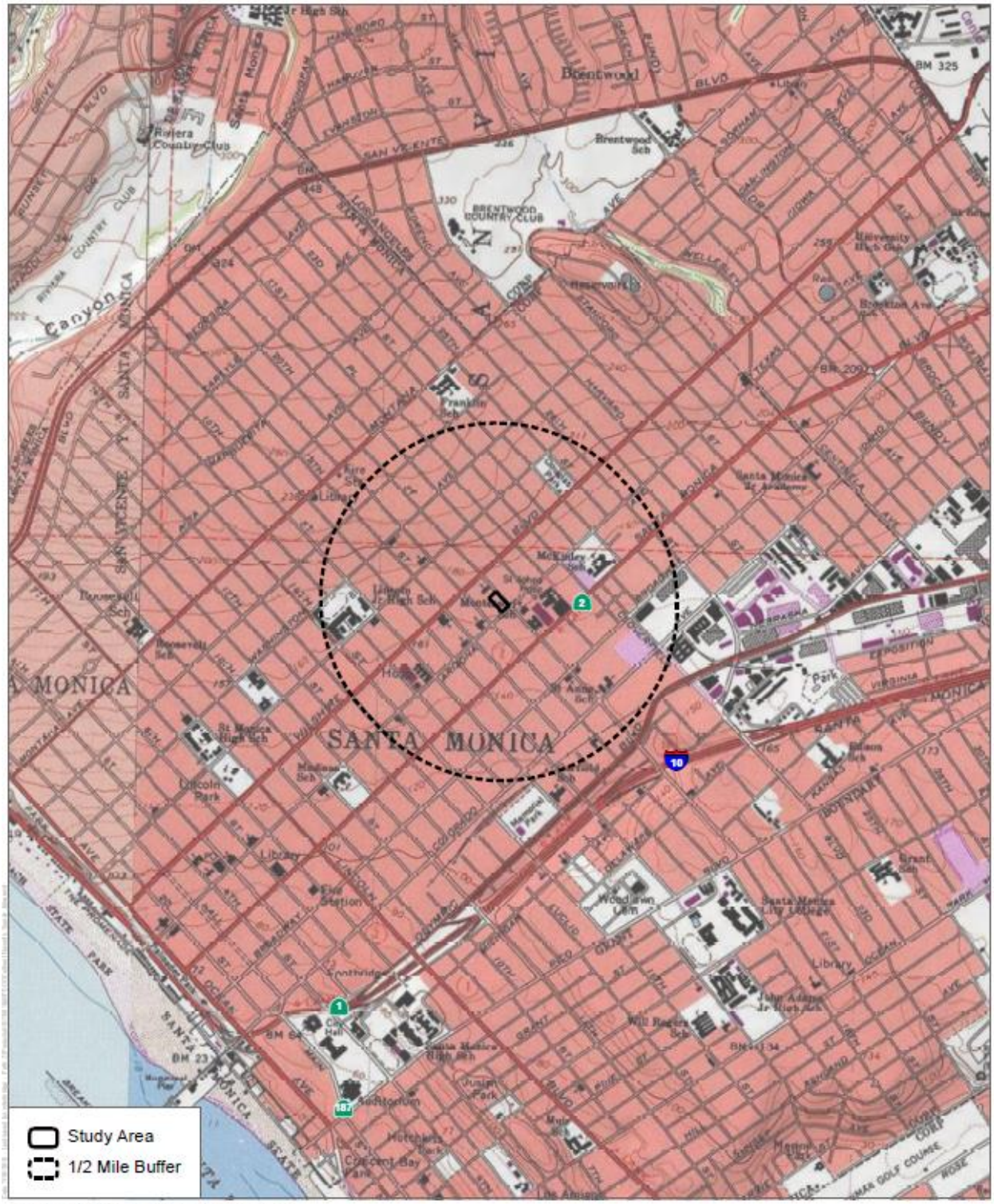

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Records Search
20th Street Wellness Center Project

DUDEK

38 NORTH MARENGO
PASADENA, CALIFORNIA 91101
T: 626.204.9800

August 1, 2018 10179

Ms. Lynn Valbuena, Chairwoman
San Manual Band of Mission Indians
26569 Community Center
Highland, CA 92346

Subject: ***20th Street and Arizona Avenue Wellness Center Project, City of Santa Monica, Los Angeles County, California***

Dear Ms. Valbuena:

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Archaeologist
DUDEK
Cell: 760.936.7952

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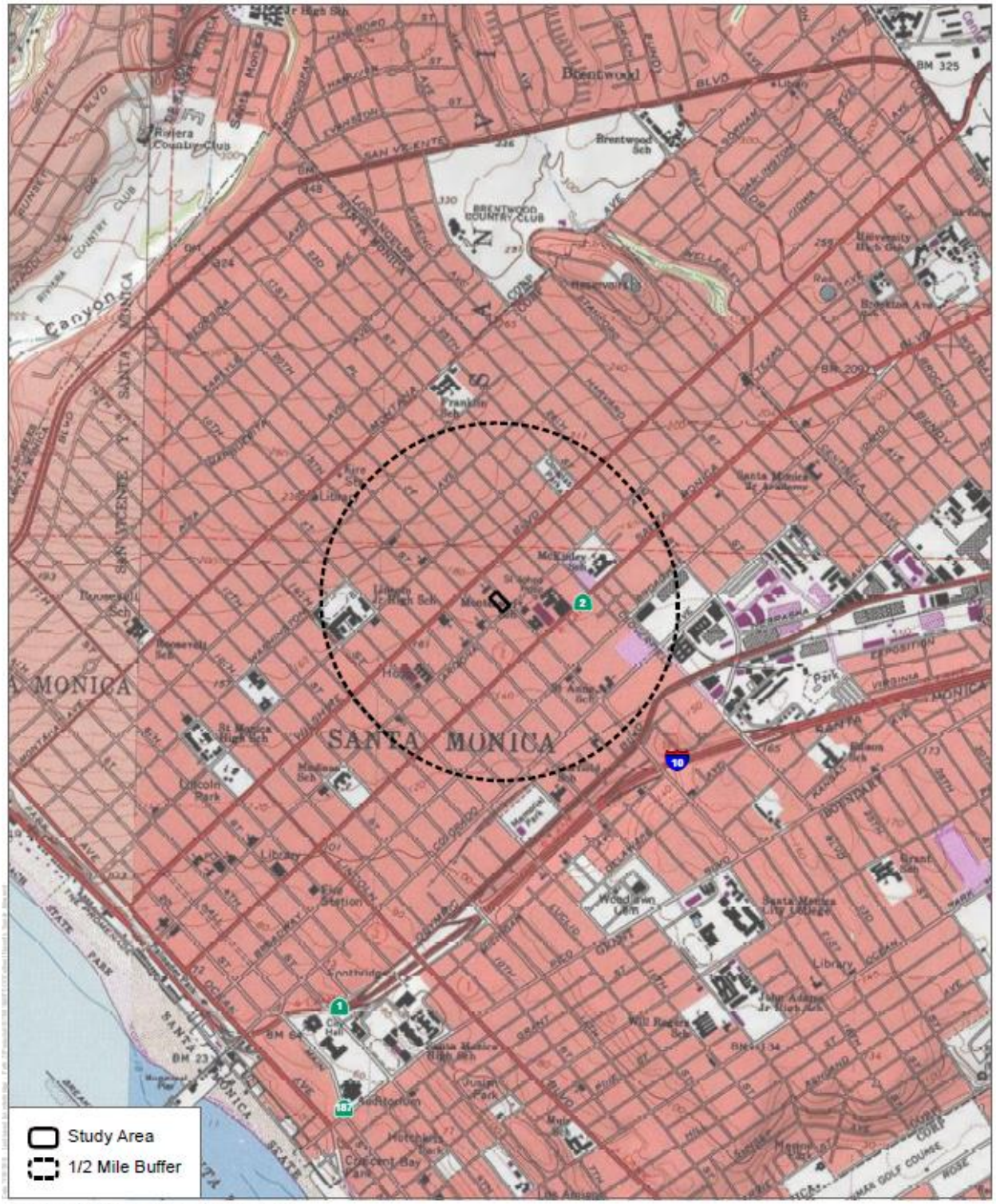

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DUDEK

Records Search
20th Street Wellness Center Project

Erica Nicolay

From: Jessica Mauck <JMauck@sanmanuel-nsn.gov>
Sent: Wednesday, August 8, 2018 11:47 AM
To: Erica Nicolay
Subject: 20th St and Arizona Ave Wellness Center Project

Hi Erica,

Thank you for contacting the San Manuel Band of Mission Indians (SMBMI) regarding the above referenced project. SMBMI appreciates the opportunity to review the project documentation, which was received by our Cultural Resources Management Department on 8 August 2018. The proposed project area is located outside of Serrano ancestral territory and, as such, SMBMI will not request consulting party status or elect to participate in the scoping, development, and/or review of documents created pursuant to these legal and regulatory mandates.

Regards,

Jessica Mauck
CULTURAL RESOURCES ANALYST
O: (909) 864-8933 x3249
M: (909) 725-9054
26569 Community Center Drive Highland California 92346
SAN MANUEL
BAND OF MISSION INDIANS

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination or copying of this communication is strictly prohibited. If you have received this electronic transmission in error, please delete it from your system without copying it and notify the sender by reply e-mail so that the email address record can be corrected. Thank You

Erica Nicolay

From: Administration Gabrieleno Indians <admin@gabrielenoindians.org>
Sent: Wednesday, August 8, 2018 1:45 PM
To: Erica Nicolay
Subject: 20th st. and Arizona Wellness center project city of Santa Monica

Dear Erica Nicolay,

Thank you for your letter dated August 1,2018. Our Tribal government would like to consult with your agency. Thank you

Sincerely,

Brandy Salas
Admin Specialist
Gabrieleno Band of Mission Indians - Kizh Nation
PO Box 393
Covina, CA 91723
Office: 844-390-0787
website: www.gabrielenoindians.org

APPENDIX D

Geotechnical Investigation

GEOTECHNICAL INVESTIGATION

PROPOSED
MIXED-USE DEVELOPMENT
1242 20TH STREET
SANTA MONICA, CALIFORNIA

GEOCON
WEST, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

1925 ARIZONA (LA), LLC
C/O CIM GROUP
LOS ANGELES, CALIFORNIA

PROJECT NO. A9414-06-01

MAY 6, 2016

Project No. A9414-06-01
May 6, 2016

1925 Arizona (LA), LLC
c/o CIM Group
4700 Wilshire Boulevard
Los Angeles, California 90010

Attention: Mr. Phillip Nazarian

Subject: GEOTECHNICAL INVESTIGATION
PROPOSED MIXED-USE DEVELOPMENT
1242 20TH STREET,
SANTA MONICA, CALIFORNIA

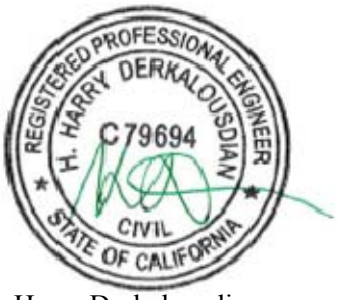
Dear Mr. Nazarian:

In accordance with your authorization of our proposal dated April 11, 2016, we have performed a geotechnical investigation for the proposed mixed-use development located at 1242 20th Street in the city of Santa Monica, California. The accompanying report presents the findings of our study, and our conclusions and recommendations pertaining to the geotechnical aspects of proposed design and construction. Based on the results of our investigation, it is our opinion that the site can be developed as proposed, provided the recommendations of this report are followed and implemented during design and construction.

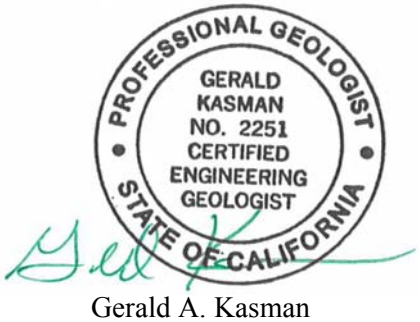
If you have any questions regarding this report, or if we may be of further service, please contact the undersigned.

Very truly yours,

GEOCON WEST, INC.



Harry Derkalousdian
PE 79694



Gerald A. Kasman
CEG 2251

Neal Berliner
GE 2576

(4 + Email) Addressee

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GEOTECHNICAL INVESTIGATION

1. PURPOSE AND SCOPE

This report presents the results of a geotechnical investigation for the proposed mixed-use development located at 1242 20th Street in the City of Santa Monica, California (see Vicinity Map, Figure 1). The purpose of the investigation was to evaluate subsurface soil and geologic conditions underlying the site and, based on conditions encountered, to provide conclusions and recommendations pertaining to the geotechnical aspects of design and construction.

The scope of this investigation included a site reconnaissance, field exploration, laboratory testing, engineering analysis, and the preparation of this report. The site was explored on April 15, 2016, by excavating two 8-inch diameter borings to depths of approximately 75½ feet below the existing ground surface utilizing a truck-mounted hollow-stem auger drilling machine. The approximate locations of the exploratory borings are depicted on the Site Plan (see Figure 2). A detailed discussion of the field investigation, including boring logs, is presented in Appendix A.

Laboratory tests were performed on selected soil samples obtained during the investigation to determine pertinent physical and chemical soil properties. Appendix B presents a summary of the laboratory test results.

The recommendations presented herein are based on analysis of the data obtained during the investigation and our experience with similar soil and geologic conditions. References reviewed to prepare this report are provided in the *List of References* section.

If project details vary significantly from those described above, Geocon should be contacted to determine the necessity for review and possible revision of this report.

2. SITE AND PROJECT DESCRIPTION

The subject site is located at 1242 20th Street in the City of Santa Monica, California. The site consists of a rectangular shaped parcel and is currently occupied by single-story commercial structures and an asphalt-paved surface parking lot. The site is bounded by 20th Street to the northeast, by Arizona Avenue to the southeast, by an alley to the southwest, and by a two-story private school to the northwest. The site slopes gently to the east-southeast, with no pronounced highs or lows. Surface water drainage at the site appears to be by sheet flow along the existing ground contours to the city streets. Vegetation consists of trees, grass, and shrubbery located in isolated planter areas.

Based on the information provided by the Client, it is our understanding that the proposed development will consist of the construction of a five-story mixed-use structure to be constructed over five subterranean parking levels. The footprint of the proposed structure is shown on Figure 2 and cross sections of the proposed development are illustrated on Figure 3, Cross Section.

Due to preliminary nature of the design at this time, wall and column loads were not available. It is anticipated that column loads for the proposed structure will be up to 1,500 kips, and wall loads will be up to 15 kips per linear foot.

Once the design phase and foundation loading configuration proceeds to a more finalized plan, the recommendations within this report should be reviewed and revised, if necessary. Any changes in the design, location or elevation of any structure, as outlined in this report, should be reviewed by this office. Geocon should be contacted to determine the necessity for review and possible revision of this report.

3. GEOLOGIC SETTING

The site is located on the late Pleistocene age Santa Monica Plain, adjacent to the south flank of the Santa Monica Mountains. This plain constitutes the northwesterly portion of the Los Angeles Basin, extending from the Pacific Ocean inland to the Newport-Inglewood belt of hills (Cheviot Hills), and is dissected by streams draining the Santa Monica Mountains. The Santa Monica Plain is underlain by upper Pleistocene age Lakewood Formation, which consists of older alluvial fan material deposited as a result of uplift of the Santa Monica Mountains. Renewed uplift has caused erosion of these materials, leaving an incised Lakewood surface locally blanketed with younger alluvium.

4. SOIL AND GEOLOGIC CONDITIONS

Based on our field investigation and published geologic maps of the area, the site is underlain by artificial fill and Pleistocene age older alluvial fan deposits consisting of varying amounts of sand, silt, gravel, cobbles and boulders (California Geological Survey, 2010; Dibblee, 1991). Detailed stratigraphic profiles are provided on the boring logs in Appendix A.

4.1 Artificial Fill

Artificial fill was encountered in our field explorations to a maximum depth of 2 feet below existing ground surface. The artificial fill generally consists of dark brown silt with various amounts of sand and gravel. The artificial fill is characterized as slightly moist and firm. The fill is likely the result of past grading or construction activities at the site. Deeper fill may exist between excavations and in other portions of the site that were not directly explored.

4.2 Old Alluvial Fan Deposits

Pleistocene age older alluvial fan deposits were encountered beneath the fill and consists primarily of interlayered silt, silty sand, and well-graded Sand with Gravel. The deposits are primarily brown to yellowish brown and contains varying amounts of gravel and cobbles. The soils are considered slightly moist to moist and medium dense to very dense or firm to stiff.

5. GROUNDWATER

Based on a review of the Seismic Hazard Zone Report for the Beverly Hills 7.5 Minute Quadrangle, Los Angeles County, California (California Division of Mines and Geology [CDMG], 1998), the historically highest groundwater level in the area is approximately 40 feet beneath the ground surface. Groundwater information presented in this document is generated from data collected in the early 1900's to the late 1990s. Based on current groundwater basin management practices, it is unlikely that groundwater levels will ever exceed the historic high levels.

Groundwater was not encountered in our borings drilled to a maximum depth of 75½ feet beneath the existing ground surface. Based on the historic high ground water level in the area (approximately 40 feet), the depth of the proposed construction, and the lack of groundwater observed in our borings, it is unlikely that groundwater will be encountered during construction. However, it is common for perched groundwater to seasonally occur in the area or for groundwater conditions to develop where none previously existed, especially in impermeable fine-grained soils which are heavily irrigated or after seasonal rainfall. In addition, recent requirements for stormwater infiltration could result in shallower seepage conditions in the immediate site vicinity. Proper surface drainage of irrigation and precipitation will be critical for future performance of the project. Recommendations for drainage are provided in the S*urface Drainage* section of this report (see Section 7.25).

6. GEOLOGIC HAZARDS

6.1 Surface Fault Rupture

The numerous faults in Southern California include active, potentially active, and inactive faults. The criteria for these major groups are based on criteria developed by the California Geological Survey (CGS, formerly known as CDMG) for the Alquist-Priolo Earthquake Fault Zone Program (Bryant and Hart, 2007). By definition, an active fault is one that has had surface displacement within Holocene time (about the last 11,000 years). A potentially active fault has demonstrated surface displacement during Quaternary time (approximately the last 1.6 million years), but has had no known Holocene movement. Faults that have not moved in the last 1.6 million years are considered inactive.

The site is not within a currently established State of California Alquist-Priolo Earthquake Fault Zone (California Geological Survey, 2015; CDMG, 1986) for surface fault rupture hazards. No active or potentially active faults with the potential for surface fault rupture are known to pass directly beneath the site. Therefore, the potential for surface rupture due to faulting occurring beneath the site during the design life of the proposed development is considered low. However, the site is located in the seismically active Southern California region, and could be subjected to moderate to strong ground shaking in the event of an earthquake on one of the many active Southern California faults. The faults in the vicinity of the site are shown in Figure 4, Regional Fault Map.

The site is located approximately 400 feet north of the South Branch of the Santa Monica Fault and located within the limits of the City of Santa Monica Fault Hazard Management Zone (Santa Monica, City of, 2008). The Santa Monica Fault is an east-west trending, north-dipping fault located along the southern edge of the Santa Monica Mountains extending from the Santa Monica coastline on the west to the west Beverly Hills escarpment on the east. Current research by Dolan et al. (1992, 1997, and 2000), Pratt et al. (1998), Catchings et al. (2008) and other investigators indicate that the Santa Monica fault is separated into a northern strand and a southern strand which dip to the north and merge at a depth of approximately 2 kilometers. The northern strand of the Santa Monica fault is a steeply dipping fault (60º-70º) exhibiting a prominent south facing scarp and Holocene activity (Dolan et al., 2000). The North Branch of the Santa Monica fault is considered active by the State Geologist and there is documented Holocene activity at several locations including the nearby VA hospital and University High School. The southern strand of the Santa Monica fault is a moderately dipping fault with activity calculated between late Miocene to late Pliocene with the southern strand terminating at a depth of about 1 km below the ground surface). No known Quaternary activity has been documented along the South Branch of the Santa Monica Fault and the fault is not considered “active” by the State Geologist.

Other nearby active faults are the Malibu Coast Fault, the Newport-Inglewood Fault Zone, the Hollywood Fault, and the Palos Verdes Hills Fault Zone (offshore) located approximately 3.9 miles west, 4.5 miles northeast, 4.8 miles northeast, and 7.7 miles southwest of the site, respectively (Ziony and Jones, 1989). The active San Andreas Fault Zone is located approximately 40 miles northeast of the site.

The closest potentially active fault to the site is the Charnock Fault located approximately 3.9 miles southeast of the site. Other nearby potentially active faults are the Overland Avenue Fault, the MacArthur Park Fault, and the Coyote Pass Fault, located approximately 4.3 miles east, 10.5 miles east-northeast, and 16.0 miles east of the site, respectively (Ziony and Jones, 1989).

Several buried thrust faults, commonly referred to as blind thrusts, underlie the Los Angeles Basin at depth. These faults are not exposed at the ground surface and are typically identified at depths greater than 3.0 kilometers. The October 1, 1987 M_w 5.9 Whittier Narrows earthquake and the January 17, 1994 M_w 6.7 Northridge earthquake were a result of movement on the Puente Hills Blind Thrust and the Northridge Thrust, respectively. These thrust faults and others in the Los Angeles area are not exposed at the surface and do not present a potential surface fault rupture hazard at the site. However, these deep thrust faults are considered active features capable of generating future earthquakes that could result in moderate to significant ground shaking at the site. The site does not lie direction above the vertical projection of a known blind thrust.

Based on these considerations, the property owner should consider maintaining earthquake insurance for the structure.

6.2 Seismicity

As with all of Southern California, the site has experienced historic earthquakes from various regional faults. The seismicity of the region surrounding the site was formulated based on research of an electronic database of earthquake data. The epicenters of recorded earthquakes with magnitudes equal to or greater than 5.0 in the site vicinity are depicted on Figure 5, Regional Seismicity Map. A partial list of moderate to major magnitude earthquakes that have occurred in the Southern California area within the last 100 years is included in the following table.

LIST OF HISTORIC EARTHQUAKES

Earthquake (Oldest to Youngest)	Date of Earthquake	Magnitude	Distance to Epicenter (Miles)	Direction to Epicenter
San Jacinto-Hemet area	April 21, 1918	6.8	87	ESE
Near Redlands	July 23, 1923	6.3	70	E
Long Beach	March 10, 1933	6.4	41	SE
Tehachapi	July 21, 1952	7.5	73	NNW
San Fernando	February 9, 1971	6.6	27	NNE
Whittier Narrows	October 1, 1987	5.9	23	E
Sierra Madre	June 28, 1991	5.8	32	ENE
Landers	June 28, 1992	7.3	117	E
Big Bear	June 28, 1992	6.4	95	E
Northridge	January 17, 1994	6.7	13	NNW
Hector Mine	October 16, 1999	7.1	132	ENE

The site could be subjected to strong ground shaking in the event of an earthquake. However, this hazard is common in Southern California and the effects of ground shaking can be mitigated if the proposed structures are designed and constructed in conformance with current building codes and engineering practices.

6.3 Seismic Design Criteria

The following table summarizes summarizes site-specific design criteria obtained from the 2013 California Building Code (CBC; Based on the 2012 International Building Code [IBC] and ASCE 7-10), Chapter 16 Structural Design, Section 1613 Earthquake Loads. The data was calculated using the computer program *U.S. Seismic Design Maps*, provided by the USGS. The short spectral response uses a period of 0.2 second. The values presented below are for the risk-targeted maximum considered earthquake (MCE_R).

2013 CBC SEISMIC DESIGN PARAMETERS

Parameter	Value	2013 CBC Reference
Site Class	D	Table 1613.3.2
MCE_R Ground Motion Spectral Response Acceleration – Class B (short), S_S	2.092g	Figure 1613.3.1(1)
MCE_R Ground Motion Spectral Response Acceleration – Class B (1 sec), S_1	0.776g	Figure 1613.3.1(2)
Site Coefficient, F_A	1.0	Table 1613.3.3(1)
Site Coefficient, F_V	1.5	Table 1613.3.3(2)
Site Class Modified MCE_R Spectral Response Acceleration (short), S_{MS}	2.092g	Section 1613.3.3 (Eqn 16-37)
Site Class Modified MCE_R Spectral Response Acceleration – (1 sec), S_{M1}	1.163g	Section 1613.3.3 (Eqn 16-38)
5% Damped Design Spectral Response Acceleration (short), S_{DS}	1.395g	Section 1613.3.4 (Eqn 16-39)
5% Damped Design Spectral Response Acceleration (1 sec), S_{D1}	0.776g	Section 1613.3.4 (Eqn 16-40)

The table below presents the mapped maximum considered geometric mean (MCE_G) seismic design parameters for projects located in Seismic Design Categories of D through F in accordance with ASCE 7-10.

ASCE 7-10 PEAK GROUND ACCELERATION

Parameter	Value	ASCE 7-10 Reference
Mapped MCE_G Peak Ground Acceleration, PGA	0.805g	Figure 22-7
Site Coefficient, F_{PGA}	1.0	Table 11.8-1
Site Class Modified MCE_G Peak Ground Acceleration, PGA_M	0.805g	Section 11.8.3 (Eqn 11.8-1)

The Maximum Considered Earthquake Ground Motion (MCE) is the level of ground motion that has a 2 percent chance of exceedance in 50 years, with a statistical return period of 2,475 years. According to the 2013 California Building Code and ASCE 7-10, the MCE is to be utilized for the evaluation of liquefaction, lateral spreading, seismic settlements, and it is our understanding that the intent of the Building code is to maintain "Life Safety" during a MCE event. The Design Earthquake Ground Motion (DE) is the level of ground motion that has a 10 percent chance of exceedance in 50 years, with a statistical return period of 475 years.

Deaggregation of the MCE peak ground acceleration was performed using the USGS 2008 Probabilistic Seismic Hazard Analysis (PSHA) Interactive Deaggregation online tool. The result of the deaggregation analysis indicates that the predominant earthquake contributing to the MCE peak ground acceleration is characterized as a 6.83 magnitude event occurring at a hypocentral distance of 5.9 kilometers from the site.

Deaggregation was also performed for the Design Earthquake (DE) peak ground acceleration, and the result of the analysis indicates that the predominant earthquake contributing to the DE peak ground acceleration is characterized as a 6.74 magnitude occurring at a hypocentral distance of 13.5 kilometers from the site.

Conformance to the criteria in the above tables for seismic design does not constitute any kind of guarantee or assurance that significant structural damage or ground failure will not occur if a large earthquake occurs. The primary goal of seismic design is to protect life, not to avoid all damage, since such design may be economically prohibitive.

6.4 Liquefaction Potential

Liquefaction is a phenomenon in which loose, saturated, relatively cohesionless soil deposits lose shear strength during strong ground motions. Primary factors controlling liquefaction include intensity and duration of ground motion, gradation characteristics of the subsurface soils, in-situ stress conditions, and the depth to groundwater. Liquefaction is typified by a loss of shear strength in the liquefied layers due to rapid increases in pore water pressure generated by earthquake accelerations.

The current standard of practice, as outlined in the "Recommended Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing and Mitigating Liquefaction in California" and "Special Publication 117A, Guidelines for Evaluating and Mitigating Seismic Hazards in California" requires liquefaction analysis to a depth of 50 feet below the lowest portion of the proposed structure. Liquefaction typically occurs in areas where the soils below the water table are composed of poorly consolidated, fine to medium-grained, primarily sandy soil. In addition to the requisite soil conditions, the ground acceleration and duration of the earthquake must also be of a sufficient level to induce liquefaction.

The State of California Seismic Hazard Zone Map for the Beverly Quadrangle (1999) indicates that the site is not located within a zone of required investigation for liquefaction. In addition, the site is not within a liquefaction area (Santa Monica, City of, 2008). Based on these considerations, it is our opinion that the potential for liquefaction and associated ground deformations beneath the site is very low.

6.5 Slope Stability

The topography at the site and in the site vicinity slopes gently to the southeast. The site is not located within an area of high risk landslide susceptibility (City of, Santa Monica, 2008). According to the County of Los Angeles Safety Element (Leighton, 1990), the site is not within the approximate boundary of a hillside area or a shallow surficial landslide. Additionally, the site is not within an area identified as having a potential for seismic slope instability (CDMG, 1998). There are no known landslides near the site, nor is the site in the path of any known or potential landslides. Therefore, the potential for slope stability hazards to adversely affect the proposed development is considered low.

6.6 Earthquake-Induced Flooding

Earthquake-induced flooding is inundation caused by failure of dams or other water-retaining structures due to earthquakes. The Los Angeles County Safety Element (Leighton, 1990) indicates that the site is not located within a dam or debris basin inundation area or flood boundary. These reservoirs, as well as others in California, are continually monitored by various governmental agencies (such as the State of California Division of Safety of Dams and the U.S. Army Corps of Engineers) to guard against the threat of dam failure. Current design, construction practices, and ongoing programs of review, modification, or total reconstruction of existing dams are intended to ensure that all dams are capable of withstanding the maximum considered earthquake (MCE) for the site. Therefore, the potential for inundation at the site as a result of an earthquake-induced dam failure is considered low.

6.7 Tsunamis, Seiches, and Flooding

The site is located approximately 1.6 miles northeast of the Pacific Ocean and approximately 165 feet above mean sea level. The site is not located within a tsunami inundation area (Leighton, 1990). Therefore, tsunamis, seismic sea waves, are not considered a significant hazard at the site.

Seiches are large waves generated in enclosed bodies of water in response to ground shaking. No major water-retaining structures are located immediately up gradient from the project site. Therefore, flooding from a seismically-induced seiche is considered unlikely.

The site is within an area of minimal flooding (Zone X) as defined by the Federal Emergency Management Agency (FEMA, 2016; LACDPW, 2016b).

6.8 Oil Fields & Methane Potential

Based on a review of the California Division of Oil, Gas and Geothermal Resources (DOGGR) Oil and Regional Wildcat Map W1-5, the site is not located within the limits of an oil field and there are no nearby oil or gas production wells. The nearest well is Birch & Royer's Well #1, a buried, oil and gas production well (API: 03705209). Due to the voluntary nature of record reporting by the oil well drilling companies, wells may be improperly located or not shown on the location map and undocumented wells could be encountered during construction. Any wells encountered will need to be properly abandoned in accordance with the current requirements of the DOGGR.

As previously indicated, the site is not located within an oilfield. Therefore, the potential for methane at the site is considered very low. Should it be determined that a methane study is required for the proposed development it is recommended that a qualified methane consultant be retained to perform the study and provide mitigation measures as necessary.

6.9 Subsidence

Subsidence occurs when a large portion of land is displaced vertically, usually due to the withdrawal of groundwater, oil, or natural gas. Soils that are particularly subject to subsidence include those with high silt or clay content. The site is not located within an area of known ground subsidence. No known large-scale extraction of groundwater, gas, oil, or geothermal energy is occurring or planned at the site or in the general site vicinity. Therefore, the potential for ground subsidence due to withdrawal of fluids or gases at the site is considered low.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 General

7.1.1 It is our opinion that neither soil nor geologic conditions were encountered during this investigation that would preclude the construction of the proposed development provided the recommendations presented herein are followed and implemented during design and construction.

7.1.2 Up to 2 feet of existing artificial fill was encountered during site exploration. The existing fill encountered is believed to be the result of past grading and construction activities at the site. Deeper fill may exist in other areas of the site that were not directly explored. Excavation for the proposed five subterranean parking levels are anticipated to penetrate through the existing fill and expose variable alluvial soils throughout the excavation bottom.

7.1.3 Based on a review of the Seismic Hazard Evaluation of the Beverly Hills 7.5 Minute Quadrangle, Los Angeles County, California, the historically highest groundwater level is indicated to be approximately 40 feet beneath the ground surface. If the subterranean portion of the structure extends below the historic high groundwater level and it is not designed for full hydrostatic pressure, a permanent dewatering system will be required to relieve and mitigate the potential water pressure. Recommendations for permanent dewatering are discussed in Sections 7.4 of this report.

7.1.4 The proposed structure may be supported on a conventional foundation system deriving support in the competent alluvial soils found at the excavation bottom (approximately 55 feet below the existing ground surface). Foundations should be deepened as necessary to penetrate through any unsuitable soils or silt beds and derive support in competent alluvial soils. Any soils unintentionally disturbed should be properly compacted for slab support. If a permanent dewatering system is implemented it is likely that a conventional slab-on-grade may be utilized. If a permanent dewatering system is not implemented then the structure must be designed for hydrostatic pressure based on the historic high groundwater level of 40 feet below the ground surface. The hydrostatic design will result in uplift forces on the slab that that must be resisted by structural design and a reinforced concrete mat foundation system may be required.

7.1.5 All foundation excavations must be observed and approved in writing by the Geotechnical Engineer prior to placement of steel or concrete. Recommendations for the *Foundation Design* are provided in Sections 7.6 through 7.8 of this report.

7.1.6 Due to the granular nature of the soils and potential for caving, the contractor should be prepared to form vertical foundation excavations that extend into granular alluvial soils at the excavation bottom, if necessary.

7.1.7 The concrete slab-on-grade and ramp for the subterranean level may bear in newly placed engineered fill or directly on the competent undisturbed alluvial soil at the excavation bottom. Any soils that are disturbed should be properly compacted for slab and ramp support, as necessary. The existing artificial fill and alluvial soils are suitable for re-use as an engineered fill provided the procedures outlined in the *Grading* section of this report are followed (see Section 7.5).

7.1.8 Excavations on the order of 64 feet in vertical height may be required for construction of the subterranean level, including the excavations for the foundation system. Due to the depth of the excavation and the proximity to the property lines, city streets, and adjacent offsite structures, excavation of the proposed subterranean level will require sloping and/or shoring measures in order to provide a stable excavation. Where shoring is required it is recommended that a soldier pile shoring system be utilized. In addition, where the proposed excavation will be deeper than and adjacent to an offsite structure, the proposed retaining wall and shoring systems should be designed to resist the surcharge imposed by the adjacent offsite structure. Recommendations for *Shoring* are provided in Section 7.19.

7.1.9 Due to the nature of the proposed design and intent for a subterranean level, waterproofing of subterranean walls and slabs is suggested. Particular care should be taken in the design and installation of waterproofing to avoid moisture problems, or actual water seepage into the structure through any normal shrinkage cracks which may develop in the concrete walls, floor slab, foundations and/or construction joints. The design and inspection of the waterproofing is not the responsibility of the geotechnical engineer. A waterproofing consultant should be retained in order to recommend a product or method, which would provide protection to subterranean walls, floor slabs and foundations.

7.1.10 Foundations for small outlying structures at the ground surface, such as block walls up to 6 feet high, planter walls or trash enclosures, which will not be tied to the proposed structure, may be supported on conventional foundations deriving support on a minimum of 12 inches of newly placed engineered fill which extends laterally at least 12 inches beyond the foundation area. Where excavation and proper compaction cannot be performed or is undesirable, foundations may derive support directly in the undisturbed alluvial soils generally found at or below a depth of 24 inches, and should be deepened as necessary to maintain a minimum 12-inch embedment into the recommended bearing materials. If the soils exposed in the excavation bottom are soft or loose, compaction of the soils will be required prior to placing steel or concrete. Compaction of the foundation excavation bottom

is typically accomplished with a compaction wheel or mechanical whacker and must be observed and approved in writing by a Geocon representative.

7.1.11 Based on the results of percolation testing performed at the site, the infiltration rate is considered to be slow and is likely the result of the finer-grained soils which are typically not conducive to rapid infiltration. A stormwater infiltration system is likely not feasible for this project; however, the project civil engineer should evaluate these results (see Section 7.24).

7.1.12 Once the design and foundation loading configuration for the proposed structure proceeds to a more finalized plan, the recommendations within this report should be reviewed and revised, if necessary. Based on the final foundation loading configurations, the potential for settlement should be re-evaluated by this office.

7.1.13 Any changes in the design, location or elevation, as outlined in this report, should be reviewed by this office. Geocon should be contacted to determine the necessity for review and possible revision of this report.

7.1.14 The most recent ASTM standards apply to this project and must be utilized, even if older ASTM standards are indicated in this report.

7.2 Soil and Excavation Characteristics

7.2.1 The in-situ soils can be excavated with moderate effort using conventional excavation equipment. Due to the granular nature of the soils, moderate caving should be anticipated in unshored excavations. Abundant gravel and cobbles should also be expected. In addition, the contractor should be aware that formwork may be required to prevent caving of shallow spread foundation excavations, and drilling conditions may be difficult due to the potential for caving, as well as the presence of gravel and cobbles.

7.2.2 It is the responsibility of the contractor to ensure that all excavations and trenches are properly shored and maintained in accordance with applicable OSHA rules and regulations to maintain safety and maintain the stability of adjacent existing improvements.

7.2.3 All onsite excavations must be conducted in such a manner that potential surcharges from existing structures, construction equipment, and vehicle loads are resisted. The surcharge area may be defined by a 1:1 projection down and away from the bottom of an existing foundation or vehicle load. Penetrations below this 1:1 projection will require special excavation measures such as sloping and shoring. Excavation recommendations are provided in the *Temporary Excavations* section of this report (see Section 7.18).

7.2.4 Due to the nature of the existing site soils encountered during the field investigation, the site soils near the foundation elevation are considered to have a "very low" (EI = 0) expansive potential and are classified as "non-expansive" in accordance with the 2013 California Building Code (CBC) Section 1803.5.3. The recommendations presented herein assume that the building foundations and slabs will derive support in these materials.

7.3 Minimum Resistivity, pH, and Water-Soluble Sulfate

7.3.1 Potential of Hydrogen (pH) and resistivity testing, as well as chloride content testing, were performed on representative samples of on-site material to generally evaluate the corrosion potential to surface utilities. The tests were performed in accordance with California Test Method Nos. 643 and 422 and indicate that the soils are considered "moderately corrosive" with respect to corrosion of buried ferrous metals on site. The results are presented in Appendix B (Figure B6) and should be considered for design of underground structures.

7.3.2 Laboratory tests were performed on representative samples of the on-site materials to measure the percentage of water-soluble sulfate content. Results from the laboratory water-soluble sulfate tests are presented in Appendix B (Figure B6) and indicate that the on-site materials possess "negligible" sulfate exposure to concrete structures as defined by 2013 CBC Section 1904 and ACI 318-08 Sections 4.2 and 4.3.

7.3.3 Geocon West, Inc. does not practice in the field of corrosion engineering and mitigation. If corrosion sensitive improvements are planned, it is recommended that a corrosion engineer be retained to evaluate corrosion test results and incorporate the necessary precautions to avoid premature corrosion of buried metal pipes and concrete structures in direct contact with the soils.

7.4 Permanent Dewatering

7.4.1 If a permanent dewatering system is not implemented then the structure must be designed for hydrostatic pressure based on the historic high groundwater level of 40 feet below the ground surface. If permanent dewatering is to be utilized, a sub-slab a subdrainage system consisting of perforated pipe placed in gravel-filled trenches may be installed beneath the subterranean slab-on-grade to intercept and direct groundwater to a sump and pumping unit. This system can be combined with the perimeter retaining wall drainage system provided backflow valves are installed at the base of the wall drainage system.

7.4.2 A typical permanent sub-slab drainage system would consist of a 6- to 12-inch-thick layer of ¾-inch gravel that is placed upon a layer of filter fabric (Miami 500X or equivalent), and vibrated to a dense state. Subdrain pipes leading to sump areas, provided with automatic pumping units, should drain the gravel layer. The drain lines should consist of perforated pipe, placed with perforations down, in trenches that are at least 6 inches below the gravel layer. The excavation bottom, as well as the trench bottoms should be lined with filter fabric

prior to placing and compacting gravel. The trenches should be spaced approximately 40 feet apart at most, within the interior, and should extend along to the perimeter of the building. Subsequent to the installation of the drainage system, the waterproofing system and building slab may then be placed on the densified gravel. A mud- or rat-slab may be placed over the waterproofing system for protection during placement of rebar and mat slab construction.

7.4.3 Alternative permanent drainage systems will also be considered, but must be reviewed and approved by the Geotechnical Engineer.

7.4.4 Recommendations for design flow rates for the permanent dewatering system should be determined by a qualified contractor or dewatering consultant.

7.5 Grading

7.5.1 Grading is anticipated to include excavation of site soils for the proposed subterranean structure, foundations, and utility trenches, as well as placement of backfill for walls and trenches.

7.5.2 Earthwork should be observed, and compacted fill tested by representatives of Geocon West, Inc. The existing fill encountered during exploration is suitable for re-use as an engineered fill, provided any encountered oversize material (greater than 6 inches) and any encountered deleterious debris are removed.

7.5.3 A preconstruction conference should be held at the site prior to the beginning of grading operations with the owner, contractor, civil engineer and geotechnical engineer in attendance. Special soil handling requirements can be discussed at that time.

7.5.4 Grading should commence with the removal of all existing vegetation and existing improvements from the area to be graded. Deleterious debris such as wood and root structures should be exported from the site and should not be mixed with the fill soils. Asphalt and concrete should not be mixed with the fill soils unless approved by the Geotechnical Engineer. All existing underground improvements planned for removal should be completely excavated and the resulting depressions properly backfilled in accordance with the procedures described herein. Once a clean excavation bottom has been established it must be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon West, Inc.).

7.5.5 The concrete slab-on-grade and ramp for the subterranean portion of the proposed structure may bear directly on the undisturbed alluvial soils found at the excavation bottom. It is recommended that the exposed soils be proof rolled prior to placing construction materials. Any disturbed soils should be properly compacted for slab and ramp support, as necessary.

7.5.6 All fill and backfill soils should be placed in horizontal loose layers approximately 6 to 8 inches thick, moisture conditioned to near optimum moisture content, and properly compacted to a minimum 90 percent of the maximum dry density in accordance with ASTM D 1557 (latest edition).

7.5.7 Where new surface paving is to be placed, it is recommended that all existing fill and soft or unsuitable alluvial soils be excavated and properly compacted for paving support. The client should be aware that excavation and compaction of all soft or unsuitable alluvial soils in the area of new paving is not required, however, paving constructed over existing unsuitable soils may experience increased settlement and/or cracking, and may therefore have a shorter design life and increased maintenance costs. As a minimum, the upper 12 inches of the subgrade should be moisture conditioned to near optimum moisture content and properly compacted to at least 95 percent relative compaction, as determined by ASTM Test Method D1557 (latest edition).

7.5.8 Foundations for small outlying structures constructed at the ground surface, such as block walls up to 6 feet high, planter walls or trash enclosures, which will not be tied to the proposed structure, may be supported on conventional foundations deriving support on a minimum of 12 inches of newly placed engineered fill which extends laterally at least 12 inches beyond the foundation area. Where excavation and proper compaction cannot be performed or is undesirable, foundations may derive support directly in the undisturbed alluvial soils generally found at or below a depth of 24 inches, and should be deepened as necessary to maintain a minimum 12-inch embedment into the recommended bearing materials. If the soils exposed in the excavation bottom are soft or loose, compaction of the soils will be required prior to placing steel or concrete. Compaction of the foundation excavation bottom is typically accomplished with a compaction wheel or mechanical whacker and must be observed and approved in writing by a Geocon representative.

7.5.9 Although not anticipated for this project, all imported fill shall be observed, tested, and approved by Geocon West, Inc. prior to bringing soil to the site. Rocks larger than 6 inches in diameter shall not be used in the fill. If necessary, import soils used as structural fill should have an expansion index less than 20 and soil corrosivity properties that are equally or less detrimental to that of the existing onsite soils (see Figure B6).

7.5.10 Utility trenches should be properly backfilled in accordance with the requirements of the Green Book (latest edition). The pipe should be bedded with clean sands (Sand Equivalent greater than 30) to a depth of at least 1 foot over the pipe, and the bedding material must be inspected and approved in writing by the Geotechnical Engineer (a representative of Geocon). The use of gravel is not acceptable unless used in conjunction with filter fabric to prevent the gravel from having direct contact with soil. The remainder of the trench backfill

may be derived from onsite soil or approved import soil, compacted as necessary, until the required compaction is obtained. The use of minimum 2-sack slurry is also acceptable. Prior to placing any bedding materials or pipes, the excavation bottom must be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon).

7.5.11 All trench and foundation excavation bottoms must be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon), prior to placing bedding materials, fill, steel, gravel or concrete.

7.6 Foundation Design – General

7.6.1 The proposed structure may be supported on a conventional foundation system deriving support in the competent alluvial soils found at the excavation bottom (approximately 55 feet below the existing ground surface). Foundations should be deepened as necessary to penetrate through any unsuitable soils or silt beds and derive support in competent alluvial soils. Any soils unintentionally disturbed should be properly compacted for slab support. If a permanent dewatering system is implemented it is likely that a conventional slab-on-grade may be utilized. If a permanent dewatering system is not implemented then the structure must be designed for hydrostatic pressure based on the historic high groundwater level of 40 feet below the ground surface. The hydrostatic design will result in uplift forces on the slab that that must be resisted by structural design and a reinforced concrete mat foundation system may be required. The recommended floor slab uplift pressure to be used in design would be 62.4(H) in units of psf, where "H" is the height of the water above the bottom of the foundation in feet.

7.6.2 Foundations should be deepened as necessary to penetrate through any encountered soft or unsuitable soils at the direction of the Geotechnical Engineer (a representative of Geocon).

7.6.3 Foundation excavations should be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon West, Inc.), prior to the placement of reinforcing steel and concrete to verify that the excavations and exposed soil conditions are consistent with those anticipated. If unanticipated soil conditions are encountered, foundation modifications may be required.

7.6.4 Due to the granular nature of the soils and potential for caving, the contractor should be prepared to form foundation excavations into granular alluvial soils at the excavation bottom, if necessary.

7.6.5 This office should be provided a copy of the final construction plans so that the foundation recommendations presented herein could be properly reviewed and revised if necessary.

7.7 Conventional Foundation Design

7.7.1 Due to the granular nature of the soils and potential for caving, the contractor should be prepared to form foundation excavations into granular alluvial soils at the excavation bottom, if necessary.

7.7.2 Based on the historic high water table of 40 feet below the existing ground surface, the following foundation bearing capacities for foundations deriving support in soils at a depth greater than 40 feet below the ground surface, have been reduce for buoyant forces.

7.7.3 Continuous footings may be designed for an allowable bearing capacity of 3,250 psf, and should be a minimum of 36 inches in width, 36 inches in depth below the lowest adjacent grade, and 36 inches into the recommended bearing materials.

7.7.4 Isolated spread foundations may be designed for an allowable bearing capacity of 3,300 psf, and should be a minimum of 36 inches in width, 36 inches in depth below the lowest adjacent grade, and 36 inches into the recommended bearing materials.

7.7.5 The allowable soil bearing pressure above may be increased by 200 psf and 500 psf for each additional foot of foundation width and depth, respectively, up to maximum allowable bearing value of 6,500 psf.

7.7.6 The allowable bearing pressures may be increased by one-third for transient loads due to wind or seismic forces.

7.7.7 The reinforcement for foundations should be designed by the project structural engineer.

7.7.8 If depth increases are utilized for the exterior wall footings, this office should be provided a copy of the final construction plans so that the excavation recommendations presented herein could be properly reviewed and revised if necessary.

7.7.9 The above foundation dimensions and minimum reinforcement recommendations are based on soil conditions and building code requirements only, and are not intended to be used in lieu of those required for structural purposes.

7.7.10 No special subgrade presaturation is required prior to placement of concrete. However, the foundation subgrade should be sprinkled as necessary to maintain a moist condition at the time of concrete placement.

7.7.11 Foundation excavations should be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon West, Inc.), to verify that the excavations and exposed soil conditions are consistent with those anticipated. If unanticipated soil conditions are encountered, foundation modifications may be required.

7.7.12 This office should be provided a copy of the final construction plans so that the foundation recommendations presented herein could be properly reviewed and revised if necessary.

7.8 Mat Foundation Design

7.8.1 It is anticipated that the proposed mat foundation will impart an average pressure of less than 2,000 psf, with locally higher pressures up to 6,500 psf. The maximum allowable bearing value is 6,500 psf. The allowable bearing pressure may be increased by up to one-third for transient loads due to wind or seismic forces.

7.8.2 It is recommended that a modulus of subgrade reaction of 250 pounds per cubic inch (pci) be utilized for the design of the mat foundation bearing on the engineered fill or competent alluvial soils. This value is a unit value for use with a 1-foot square footing. The modulus should be reduced in accordance with the following equation when used with larger foundations:

$$K_R = K\left[\frac{B+1}{2B}\right]^2$$

where: K_R = reduced subgrade modulus
K = unit subgrade modulus
B = foundation width (in feet)

7.8.3 The thickness of and reinforcement for the mat foundation should be designed by the project structural engineer.

7.8.4 For seismic design purposes, a coefficient of friction of 0.40 may be utilized between concrete slab and undisturbed alluvial soils and/or new placed engineered fill without a moisture barrier, and 015 for slabs underlain by a vapor retarder or methane barrier.

7.8.5 If the proposed structure is to be designed for full hydrostatic pressure, the recommended floor slab uplift pressure to be used in design would be 62.4(H) in units of pounds per square foot, where "H" is the height of the water above the bottom of the mat foundation in feet. For design purposes the water table may be assumed at 40 feet below the existing ground surface.

7.8.6 Foundation excavations should be observed by the Geotechnical Engineer (a representative of Geocon West, Inc.), prior to the placement of reinforcing steel and concrete to verify that the exposed soil conditions are consistent with those anticipated. If unanticipated soil conditions are encountered, foundation modifications may be required.

7.8.7 This office should be provided a copy of the final construction plans so that the excavation recommendations presented herein could be properly reviewed and revised if necessary.

7.9 Miscellaneous Foundations

7.9.1 Foundations for small outlying structures at the ground surface, such as block walls up to 6 feet in height, planter walls or trash enclosures, which will not be structurally supported by the proposed building, may be supported on conventional foundations deriving support on a minimum of 12 inches of newly placed engineered fill which extends laterally at least 12 inches beyond the foundation area. Where excavation and compaction cannot be performed, such as adjacent to property lines, foundations may derive support in the undisturbed alluvial soils found at or below a depth of 24 inches, and should be deepened as necessary to maintain a minimum 12-inch embedment into the recommended bearing materials.

7.9.2 If the soils exposed in the excavation bottom are soft, compaction of the soft soils will be required prior to placing steel or concrete. Compaction of the foundation excavation bottom is typically accomplished with a compaction wheel or mechanical whacker and must be observed and approved by a Geocon representative. Miscellaneous foundations may be designed for a bearing value of 1,500 psf, and should be a minimum of 12 inches in width, 24 inches in depth below the lowest adjacent grade and 12 inches into the recommended bearing material. The allowable bearing pressure may be increased by up to one-third for transient loads due to wind or seismic forces.

7.9.3 Foundation excavations should be observed and approved in writing by the Geotechnical Engineer (a representative of Geocon West, Inc.), prior to the placement of reinforcing steel and concrete to verify that the excavations and exposed soil conditions are consistent with those anticipated.

7.10 Foundation Settlement

7.10.1 The maximum expected total settlement for a structure supported on a foundation system using a bearing pressure or 6,500 and deriving support in the recommended bearing material is estimated to be less than1 inch and occur below the heaviest loaded structural element. Settlement of the foundation system is expected to occur on initial application of loading. Differential settlement between spread foundations is expected to be less than ½ inch between adjacent foundations. Differential settlement between the center and corner of a mat foundation is expected to be less than ½ inch.

7.10.2 Once the design and foundation loading configuration for the proposed structure proceeds to a more finalized plan, the estimated settlements presented in this report should be reviewed and revised, if necessary. If the final foundation loading configurations are greater than the assumed loading conditions, the potential for settlement should be reevaluated by this office.

7.11 Lateral Design

7.11.1 Resistance to lateral loading may be provided by friction acting at the base of foundations, slabs and by passive earth pressure. An allowable coefficient of friction of 0.40 may be used with the dead load forces in the undisturbed alluvial soils or newly placed engineered fill.

7.11.2 Passive earth pressure for the sides of foundations and slabs poured against undisturbed alluvial soils may be computed as an equivalent fluid having a density of 150 pounds per cubic foot (reduced for buoyant forces) with a maximum earth pressure of 1,500 psf. When combining passive and friction for lateral resistance, the passive component should be reduced by one-third.

7.12 Concrete Slabs-on-Grade

7.12.1 Unless specifically evaluated and designed by a qualified structural engineer, the slab-on-grade in the parking garage (dewatered condition) subject to vehicle loading should be a minimum of 6 inches of concrete reinforced with No. 3 steel reinforcing bars placed 18 inches on center in both horizontal directions and positioned vertically near the slab midpoint. The concrete slab-on-grade and ramp may bear directly on the undisturbed alluvium at the excavation bottom and/or newly placed engineered fill. Any disturbed soils should be properly compacted for slab support. The upper 12 inches of subgrade exposed along the ramp should be properly compacted to at least 95 percent relative compaction, as determined by ASTM Test Method D 1557 (latest edition) for ramp support.

7.12.2 Due to the nature of the proposed design and intent for a subterranean level, waterproofing of subterranean walls and slabs is suggested. Particular care should be taken in the design and installation of waterproofing to avoid moisture problems, or actual water seepage into the structure through any normal shrinkage cracks which may develop in the concrete walls, floor slab, foundations and/or construction joints. The design and inspection of the waterproofing is not the responsibility of the geotechnical engineer. A waterproofing consultant should be retained in order to recommend a product or method, which would provide protection to subterranean walls, floor slabs and foundations.

7.12.3 For seismic design purposes, a coefficient of friction of 0.40 may be utilized between concrete slabs and subgrade soils without a moisture barrier, and 0.15 for slabs underlain by a moisture barrier.

7.12.4 Exterior slabs, not subject to traffic loads, should be at least 4 inches thick and reinforced with No. 3 steel reinforcing bars placed 18 inches on center in both horizontal directions, positioned near the slab midpoint. Prior to construction of slabs, the upper 12 inches of subgrade should be moistened to near optimum moisture content and properly compacted to at least 95 percent relative compaction, as determined by ASTM Test Method D 1557 (latest

edition). Crack control joints should be spaced at intervals not greater than 10 feet and should be constructed using saw-cuts or other methods as soon as practical following concrete placement. Crack control joints should extend a minimum depth of one-fourth the slab thickness. The project structural engineer should design construction joints as necessary.

7.12.5 Slabs-on-grade at the ground surface that may receive moisture-sensitive floor coverings or may be used to store moisture-sensitive materials should be underlain by a vapor retarder placed directly beneath the slab. The vapor retarder and acceptable permeance should be specified by the project architect or developer based on the type of floor covering that will be installed. The vapor retarder design should be consistent with the guidelines presented in Section 9.3 of the American Concrete Institute's (ACI) *Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials* (ACI 302.2R-06) and should be installed in general conformance with ASTM E 1643 (latest edition) and the manufacturer's recommendations. A minimum thickness of 15 mils extruded polyolefin plastic is recommended; vapor retarders which contain recycled content or woven materials are not recommended. The vapor retarder should have a permeance of less than 0.01 perms demonstrated by testing before and after mandatory conditioning is recommended. The vapor retarder should be installed in direct contact with the concrete slab with proper perimeter seal. If the California Green Building Code requirements apply to this project, the vapor retarder should be underlain by 4 inches of clean aggregate. It is important that the vapor retarder be puncture resistant since it will be in direct contact with angular gravel. As an alternative to the clean aggregate suggested in the California Green Building Code, it is our opinion that the concrete slab-on-grade may be underlain by a vapor retarder over 4 inches of clean sand (sand equivalent greater than 30), since the sand will serve a capillary break and will minimize the potential for punctures and damage to the vapor barrier.

7.12.6 The recommendations of this report are intended to reduce the potential for cracking of slabs due to settlement. However, even with the incorporation of the recommendations presented herein, foundations, stucco walls, and slabs-on-grade may exhibit some cracking due to minor soil movement and/or concrete shrinkage. The occurrence of concrete shrinkage cracks is independent of the supporting soil characteristics. Their occurrence may be reduced and/or controlled by limiting the slump of the concrete, proper concrete placement and curing, and by the placement of crack control joints at periodic intervals, in particular, where re-entrant slab corners occur.

7.13 Retaining Walls Design

7.13.1 The recommendations presented below are generally applicable to the design of rigid concrete or masonry retaining walls having a maximum height of 60 feet. In the event that walls significantly higher than 60 feet are planned, Geocon should be contacted for additional recommendations.

7.13.2 Retaining wall foundations may be designed in accordance with the recommendations provided in the *Foundation Design* sections of this report (see Sections 7.6 through 7.8).

7.13.3 Retaining walls with a level backfill surface that are not restrained at the top should be designed utilizing a triangular distribution of pressure (active pressure). Restrained walls are those that are not allowed to rotate more than 0.001H (where H equals the height of the retaining portion of the wall in feet) at the top of the wall. Where walls are restrained from movement at the top, walls may be designed utilizing a triangular distribution of pressure (at-rest pressure). The table below presents recommended pressures to be used in retaining wall design, assuming that proper drainage will be maintained.

RETAINING WALL WITH LEVEL BACKFILL SURFACE

HEIGHT OF RETAINING WALL (Feet)	ACTIVE PRESSURE EQUIVALENT FLUID PRESSURE (Pounds Per Cubic Foot)	AT-REST PRESSURE EQUIVALENT FLUID PRESSURE (Pounds Per Cubic Foot)
Up to 20	30	50
21 to 40	42	64
41 to 60	48	70

7.13.4 The wall pressures provided above assume that the retaining wall will be properly drained preventing the buildup of hydrostatic pressure. If retaining wall drainage is not implemented, the equivalent fluid pressure to be used in design of undrained walls is 90 pcf. The value includes hydrostatic pressures plus buoyant lateral earth pressures.

7.13.5 Additional active pressure should be added for a surcharge condition due to sloping ground, vehicular traffic or adjacent structures and should be designed for each condition as the project progresses.

7.13.6 It is recommended that line-load surcharges from adjacent wall footings, use horizontal pressures generated from NAV-FAC DM 7.2. The governing equations are:

$$For \quad {}^{x}/_{H} \le 0.4$$

$$\sigma_H(z) = \frac{0.20\left(\frac{z}{H}\right)}{\left[0.16+\left(\frac{z}{H}\right)^2\right]^2}\frac{Q_L}{H}$$

and

$$For \quad {}^{x}/_{H} > 0.4$$

$$\sigma_H(x,z) = \frac{1.26\left(\frac{x}{H}\right)^2\left(\frac{z}{H}\right)}{\left[\left(\frac{x}{H}\right)^2+\left(\frac{z}{H}\right)^2\right]^2}\frac{Q_L}{H}$$

where x is the distance from the face of the excavation to the vertical line-load, H is the distance from the bottom of the footing to the bottom of excavation, z is the depth at which the horizontal pressure is desired, QL is the vertical line-load and σH is the horizontal pressure at depth z.

7.13.7 It is recommended that vertical point-loads, from construction equipment outriggers or adjacent building columns use horizontal pressures generated from NAV-FAC DM 7.2. The governing equations are:

$$For \quad {}^{x}/_{H} \le 0.4$$

$$\sigma(z) = \frac{0.28\times\left(\frac{z}{H}\right)^2}{\left[0.16+\left(\frac{z}{H}\right)^2\right]^3}\times\frac{Q_p}{H^2}$$

and

$$For \quad {}^{x}/_{H} > 0.4$$

$$\sigma(z) = \frac{1.77\times\left(\frac{x}{H}\right)^2\times\left(\frac{z}{H}\right)^2}{\left[\left(\frac{x}{H}\right)^2+\left(\frac{z}{H}\right)^2\right]^3}\times\frac{Q_p}{H^2}$$

then

$$\sigma_H'(z) = \sigma_H(z)\cos^2(1.1\theta)$$

where x is the distance from the face of the excavation to the vertical point-load, H is distance from the outrigger/bottom of column footing to the bottom of excavation, z is the depth at which the horizontal pressure is desired, Q_p is the vertical point-load, σ is the vertical pressure at depth z, Θ is the angle between a line perpendicular to the bulkhead and a line from the point-load to half the pile spacing at the bulkhead, and σ_H is the horizontal pressure at depth z.

7.13.8 In addition to the recommended earth pressure, the upper ten feet of the shoring adjacent to the street or driveway areas should be designed to resist a uniform lateral pressure of 100 psf, acting as a result of an assumed 300 psf surcharge behind the shoring due to normal street traffic. If the traffic is kept back at least ten feet from the shoring, the traffic surcharge may be neglected.

7.13.9 Seismic lateral forces should be incorporated into the design as necessary, and recommendations for seismic lateral forces are presented below.

7.14 Dynamic (Seismic) Lateral Forces

7.14.1 The structural engineer should determine the seismic design category for the project in accordance with Section 1613 of the CBC. If the project possesses a seismic design category of D, E, or F, proposed retaining walls in excess of 6 feet in height should be designed with seismic lateral pressure (Section 1803.5.12 of the 2013 CBC).

7.14.2 A seismic load of 17 pcf should be used for design of walls that support more than 6 feet of backfill in accordance with Section 1803.5.12 of the 2013 CBC. The seismic load is applied as an equivalent fluid pressure along the height of the wall and the calculated loads result in a maximum load exerted at the base of the wall and zero at the top of the wall. This seismic load should be applied in addition to the active earth pressure. The earth pressure is based on half of two-thirds of PGA_M calculated from ASCE 7-10 Section 11.8.3.

7.15 Retaining Wall Drainage

7.15.1 Retaining walls should be provided with a drainage system extended at least two-thirds the height of the wall. At the base of the drain system, a subdrain covered with a minimum of 12 inches of gravel should be installed, and a compacted fill blanket or other seal placed at the surface (see Figure 6). The clean bottom and subdrain pipe, behind a retaining wall, should be observed by the Geotechnical Engineer (a representative of Geocon), prior to placement of gravel or compacting backfill.

7.15.2 As an alternative, a plastic drainage composite such as Miradrain or equivalent may be installed in continuous, 4-foot-wide columns along the entire back face of the wall, at 8 feet on center. The top of these drainage composite columns should terminate approximately 18 inches below the ground surface, where either hardscape or a minimum of 18 inches of relatively cohesive material should be placed as a cap (see Figure 7). These vertical columns of drainage material would then be connected at the bottom of the wall to a collection panel or a 1-cubic-foot rock pocket drained by a 4-inch subdrain pipe.

7.15.3 Subdrainage pipes at the base of the retaining wall drainage system should outlet to an acceptable location via controlled drainage structures.

7.15.4 Moisture affecting below grade walls is one of the most common post-construction complaints. Poorly applied or omitted waterproofing can lead to efflorescence or standing water. Particular care should be taken in the design and installation of waterproofing to avoid moisture problems, or actual water seepage into the structure through any normal shrinkage cracks which may develop in the concrete walls, floor slab, foundations and/or construction joints. The design and inspection of the waterproofing is not the responsibility of the geotechnical engineer. A waterproofing consultant should be retained in order to recommend a product or method, which would provide protection to subterranean walls, floor slabs and foundations.

7.16 Elevator Pit Design

7.16.1 The elevator pit slab and retaining wall should be designed by the project structural engineer. Elevator pit walls may be designed in accordance with the recommendations in the *Foundation Design and Retaining Wall Design* section of this report (see Sections 7.6 through 7.8 and 7.13).

7.16.2 Additional active pressure should be added for a surcharge condition due to sloping ground, vehicular traffic or adjacent foundations and should be designed for each condition as the project progresses.

7.16.3 If retaining wall drainage is to be provided, the drainage system should be designed in accordance with the *Retaining Wall Drainage* section of this report (see Section 7.15).

7.16.4 It is suggested that the exterior walls and slab be waterproofed to prevent excessive moisture inside of the elevator pit. Waterproofing design and installation is not the responsibility of the geotechnical engineer.

7.17 Elevator Piston

7.17.1 If a plunger-type elevator piston is installed for this project, a deep drilled excavation will be required. It is important to verify that the drilled excavation is not situated immediately adjacent to a foundation or shoring pile, or the drilled excavation could compromise the existing foundation or pile support, especially if the drilling is performed subsequent to the foundation or pile construction.

7.17.2 Casing will be required since caving is expected in the drilled excavation and the contractor should be prepared to use casing and should have it readily available at the commencement of drilling activities. Continuous observation of the drilling and installation of the elevator piston by the Geotechnical Engineer (a representative of Geocon West, Inc.) is required.

7.17.3 The annular space between the piston casing and drilled excavation wall should be filled with a minimum of 1½-sack slurry pumped from the bottom up. As an alternative, pea gravel may be utilized. The use of soil to backfill the annular space is not acceptable.

7.18 Temporary Excavations

7.18.1 Excavations on the order of 64 feet in height may be required for excavation and construction of the proposed subterranean levels and foundations. The excavations are expected to expose artificial fill and alluvial soils, which may be subject to caving where granular soils are exposed. Gravel and cobbles should be expected. Vertical excavations up to 5 feet in height may be attempted where not surcharged by adjacent traffic or structures.

7.18.2 Vertical excavations greater than 5 feet or where surcharged by existing structures or traffic loads will require sloping or shoring measures to provide a stable excavation. Where sufficient space is available, temporary unsurcharged embankments could be sloped back at a uniform 1:1 slope gradient or flatter. A uniform slope does not have a vertical portion. Where space is limited, shoring measures will be required. *Shoring* data is provided in Section 7.19 of this report.

7.18.3 Where sloped embankments are utilized, the top of the slope should be barricaded to prevent vehicles and storage loads at the top of the slope within a horizontal distance equal to the height of the slope. If the temporary construction embankments are to be maintained during the rainy season, berms are suggested along the tops of the slopes where necessary to prevent runoff water from entering the excavation and eroding the slope faces. Geocon personnel should inspect the soils exposed in the cut slopes during excavation so that modifications of the slopes can be made if variations in the soil conditions occur. All excavations should be stabilized within 30 days of initial excavation.

7.19 Shoring – Soldier Pile Design and Installation

7.19.1 The following information on the design and installation of shoring is preliminary. Review of the final shoring plans and specifications should be made by this office prior to bidding or negotiating with a shoring contractor.

7.19.2 One method of shoring would consist of steel soldier piles, placed in drilled holes and backfilled with concrete. Where maximum excavation heights are less than 12 feet the soldier piles are typically designed as cantilevers. Where excavations exceed 12 feet or are surcharged, soldier piles may require lateral bracing utilizing drilled tie-back anchors or raker braces to maintain an economical steel beam size and prevent excessive deflection. The size of the steel beam, the need for lateral bracing, and the acceptable shoring deflection should be determined by the project shoring engineer.

7.19.3 The design embedment of the shoring pile toes must be maintained during excavation activities. The toes of the perimeter shoring piles should be deepened to take into account any required excavations necessary for foundations, methane, and/or adjacent drainage systems.

7.19.4 Drilled cast-in-place soldier piles should be placed no closer than 3 diameters on center. The minimum diameter of the piles is 18 inches. Structural concrete should be used for the soldier piles below the excavation; lean-mix concrete may be employed above that level. As an alternative, lean-mix concrete may be used throughout the pile where the reinforcing consists of a wideflange section. The slurry must be of sufficient strength to impart the lateral bearing pressure developed by the wideflange section to the soil. For design purposes, an allowable passive value for the soils below the bottom plane of excavation may be assumed to be 250 psf per foot. The allowable passive value may be doubled for isolated piles, spaced a minimum of three times the pile diameter. To develop the full lateral value, provisions should be implemented to assure firm contact between the soldier piles and the undisturbed alluvium.

7.19.5 Caving is anticipated, as well as the presence of excessive gravel and cobble layers. The contractor should expect difficult drilling conditions due to cobbles and caving in some soil layers, and should have casing available prior to commencement of drilling activities. When casing is used, extreme care should be employed so that the pile is not pulled apart as the casing is withdrawn. At no time should the distance between the surface of the concrete and the bottom of the casing be less than 5 feet. Continuous observation of the drilling and pouring of the piles by the Geotechnical Engineer (a representative of Geocon West, Inc.), is required.

7.19.6 If a vibratory method is utilized, the owner should be aware of the potential risks associated with vibratory efforts, which typically involve inducing settlement within the vicinity of the pile which could result in a potential for damage to existing improvements in the area.

7.19.7 The level of vibration that results from the installation of the piles should not exceed a threshold where occupants of nearby structures are disturbed, despite higher vibration tolerances that a building may endure without deformation or damage. The main parameter used for vibration assessment is peak particle velocity in units of inch per second (in/sec). The acceptable range of peak particle velocity should be evaluated based on the age and condition of adjacent structures, as well as the tolerance of human response to vibration.

7.19.8 Based on Table 19 of the *Transportation and Construction Induced Vibration Guidance Manual* (Caltrans 2004), a continuous source of vibrations (ex. vibratory pile driving) which generates a maximum peak particle velocity of 0.5 in/sec is considered tolerable for modern industrial/commercial buildings and new residential structures. The Client should be aware that a lower value may be necessary if older or fragile structures are in the immediate vicinity of the site.

7.19.9 Vibrations should be monitored and record with seismographs during pile installation to detect the magnitude of vibration and oscillation experienced by adjacent structures. If the vibrations exceed the acceptable range during installation, the shoring contractor should modify the installation procedure to reduce the values to within the acceptable range. Vibration monitoring is not the responsibility of the Geotechnical Engineer.

7.19.10 Geocon does not practice in the field of vibration monitoring. If construction techniques will be implemented, it is recommended that qualified consultant be retained to provide site specific recommendations for vibration thresholds and monitoring.

7.19.11 Groundwater was not encountered during site exploration. However, local seepage may be encountered during excavations for the proposed soldier piles, especially if conducted during the rainy season. If more than 6 inches of water is present in the bottom of the excavation, a tremie is required to place the concrete into the bottom of the hole. A tremie should consist of a rigid, water-tight tube having a diameter of not less than 6 inches with a hopper at the top. The tube should be equipped with a device that will close the discharge end and prevent water from entering the tube while it is being charged with concrete. The tremie should be supported so as to permit free movement of the discharge end over the entire top surface of the work and to permit rapid lowering when necessary to retard or stop the flow of concrete. The discharge end should be closed at the start of the work to prevent water entering the tube and should be entirely sealed at all times, except when the concrete is being placed. The tremie tube should be kept full of concrete. The flow should

be continuous until the work is completed and the resulting concrete seal should be monolithic and homogeneous. The tip of the tremie tube should always be kept about 5 feet below the surface of the concrete and definite steps and safeguards should be taken to insure that the tip of the tremie tube is never raised above the surface of the concrete.

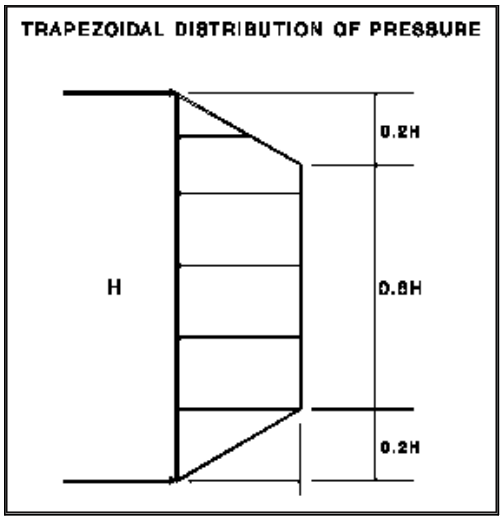
7.19.12 A special concrete mix should be used for concrete to be placed below water. The design should provide for concrete with an unconfined compressive strength psi of 1,000 pounds per square inch (psi) over the initial job specification. An admixture that reduces the problem of segregation of paste/aggregates and dilution of paste should be included. The slump should be commensurate to any research report for the admixture, provided that it should also be the minimum for a reasonable consistency for placing when water is present.

7.19.13 Due to the nature of the site soils, it is expected that continuous lagging between soldier piles will be required. However, it is recommended that the exposed soils be observed by the Geotechnical Engineer (a representative of Geocon West, Inc.), to verify the presence of any cohesive soils and the areas where lagging may be omitted.

7.19.14 The time between lagging excavation and lagging placement should be as short as possible. Soldier piles should be designed for the full-anticipated pressures. Due to arching in the soils, the pressure on the lagging will be less. It is recommended that the lagging be designed for the full design pressure but be limited to a maximum of 400 psf.

7.19.15 For the design of shoring, it is recommended that an equivalent fluid pressure based on the following table, be utilized for design. A diagram depicting the trapezoidal pressure distribution of lateral earth pressure is provided below the table.

HEIGHT OF SHORING (FEET)	**EQUIVALENT FLUID PRESSURE (Pounds Per Cubic Foot) (ACTIVE PRESSURE)**	**EQUIVALENT FLUID PRESSURE (Pounds Per Square Foot per Foot) Trapezoidal –Active (Where H is the height of the shoring in feet)**
Up to 24	25	16H
25 to 44	33	21H
45 to 64	38	24H



7.19.16 It is very important to note that active pressures can only be achieved when movement in the soil (earth wall) occurs. If movement in the soil is not acceptable, such as adjacent to an existing structure, or the pile is restrained from movement by bracing or a tie back anchor, an at-rest pressure of 62 pcf should be considered for design purposes.

7.19.17 Where a combination of sloped embankment and shoring is utilized, the pressure will be greater and must be determined for each combination. Additional active pressure should be added for a surcharge condition due to sloping ground, vehicular traffic, or adjacent structures and must be determined for each combination.

7.19.18 It is recommended that line-load surcharges from adjacent wall footings, use horizontal pressures generated from NAV-FAC DM 7.2. The governing equations are:

$$For \quad x/H \le 0.4$$

$$\sigma_H(z) = \frac{0.20\left(\frac{z}{H}\right)}{\left[0.16+\left(\frac{z}{H}\right)^2\right]^2}\frac{Q_L}{H}$$

and

$$For \quad x/H > 0.4$$

$$\sigma_H(x,z) = \frac{1.26\left(\frac{x}{H}\right)^2\left(\frac{z}{H}\right)}{\left[\left(\frac{x}{H}\right)^2+\left(\frac{z}{H}\right)^2\right]^2}\frac{Q_L}{H}$$

where x is the distance from the face of the excavation to the vertical line-load, H is the distance from the bottom of the footing to the bottom of excavation, z is the depth at which the horizontal pressure is desired, QL is the vertical line-load and σH is the horizontal pressure at depth z.

7.19.19 It is recommended that vertical point-loads, from construction equipment outriggers or adjacent building columns use horizontal pressures generated from NAV-FAC DM 7.2. The governing equations are:

$$For \quad {}^{x}/_{H} \le 0.4$$

$$\sigma(z) = \frac{0.28 \times \left(\frac{z}{H}\right)^2}{\left[0.16 + \left(\frac{z}{H}\right)^2\right]^3} \times \frac{Q_p}{H^2}$$

and

$$For \quad {}^{x}/_{H} > 0.4$$

$$\sigma(z) = \frac{1.77 \times \left(\frac{x}{H}\right)^2 \times \left(\frac{z}{H}\right)^2}{\left[\left(\frac{x}{H}\right)^2 + \left(\frac{z}{H}\right)^2\right]^3} \times \frac{Q_p}{H^2}$$

then

$$\sigma_H^{'}(z) = \sigma_H(z)\cos^2(1.1\theta)$$

where x is the distance from the face of the excavation to the vertical point-load, H is distance from the outrigger/bottom of column footing to the bottom of excavation, z is the depth at which the horizontal pressure is desired, Q_p is the vertical point-load, σ is the vertical pressure at depth z, Θ is the angle between a line perpendicular to the bulkhead and a line from the point-load to half the pile spacing at the bulkhead, and σ_H is the horizontal pressure at depth z.

7.19.20 In addition to the recommended earth pressure, the upper 10 feet of the shoring adjacent to the street or driveway areas should be designed to resist a uniform lateral pressure of 100 psf, acting as a result of an assumed 300 psf surcharge behind the shoring due to normal street traffic. If the traffic is kept back at least 10 feet from the shoring, the traffic surcharge may be neglected.

7.19.21 It is difficult to accurately predict the amount of deflection of a shored embankment. It should be realized that some deflection will occur. It is recommended that the deflection be minimized to prevent damage to existing structures and adjacent improvements. Where public right-of-ways are present or adjacent offsite structures do not surcharge the shoring excavation, the shoring deflection should be limited to less than 1 inch at the top of the shored embankment. Where offsite structures are within the shoring surcharge area it is recommended that the beam deflection be limited to less than ½ inch at the elevation of the adjacent offsite foundation, and no deflection at all if deflections will damage existing structures. The allowable deflection is dependent on many factors, such as the presence of structures and utilities near the top of the embankment, and will be assessed and designed by the project shoring engineer.

7.19.22 Because of the depth of the excavation, some means of monitoring the performance of the shoring system is suggested. The monitoring should consist of periodic surveying of the lateral and vertical locations of the tops of all soldier piles and the lateral movement along the entire lengths of selected soldier piles.

7.20 Tie-Back Anchors

7.20.1 Tie-back anchors may be used with the soldier pile wall system to resist lateral loads. Post-grouted friction anchors are recommended. For design purposes, it may be assumed that the active wedge adjacent to the shoring is defined by a plane drawn 35 degrees with the vertical through the bottom plane of the excavation. Friction anchors should extend a minimum of 20 feet beyond the potentially active wedge and to greater lengths if necessary to develop the desired capacities. The locations and depths of all offsite utilities should be thoroughly checked and incorporated into the drilling angle design for the tie-back anchors.

7.20.2 The locations and depths of all offsite utilities should be thoroughly checked and incorporated into the drilling angle design for the tie-back anchors.

7.20.3 The capacities of the anchors should be determined by testing of the initial anchors as outlined in a following section. Only the frictional resistance developed beyond the active wedge would be effective in resisting lateral loads. Anchors should be placed at least 6 feet on center to be considered isolated. Based on the height of the proposed excavation, it is anticipated that two rows of anchors may be required. For preliminary design purposes, it is estimated that drilled friction anchors constructed without utilizing post-grouting techniques will develop average skin frictions as follows:

- Up to 15 feet below the top of the excavation – 1,500 pounds per square foot
- Up to 30 feet below the top of the excavation – 2,000 pounds per square foot
- Up to 50 feet below the top of the excavation – 2,800 pounds per square foot

7.20.4 Depending on the techniques utilized, and the experience of the contractor performing the installation, a maximum allowable friction capacity of 5 kips per linear foot for post-grouted anchors (for a minimum 20 foot length beyond the active wedge) may be assumed for design purposes. Only the frictional resistance developed beyond the active wedge should be utilized in resisting lateral loads.

7.21 Anchor Installation

7.21.1 Tied-back anchors are typically installed between 20 and 40 degrees below the horizontal; however, occasionally alternative angles are necessary to avoid existing improvements and utilities. The locations and depths of all offsite utilities should be thoroughly checked prior to design and installation of the tie-back anchors. Caving of the anchor shafts, particularly within sand and gravel deposits or seepage zones, should be anticipated during installation and provisions should be implemented in order to minimize such caving. It is suggested that hollow-stem auger drilling equipment be used to install the anchors. The anchor shafts should be filled with concrete by pumping from the tip out, and the concrete should extend from the tip of the anchor to the active wedge. In order to minimize the chances of caving, it is recommended that the portion of the anchor shaft within the active wedge be backfilled with sand before testing the anchor. This portion of the shaft should be filled tightly and flush with the face of the excavation. The sand backfill should be placed by pumping; the sand may contain a small amount of cement to facilitate pumping.

7.22 Anchor Testing

7.22.1 All of the anchors should be tested to at least 150 percent of design load. The total deflection during this test should not exceed 12 inches. The rate of creep under the 150 percent test load should not exceed 0.1 inch over a 15-minute period in order for the anchor to be approved for the design loading.

7.22.2 At least ten percent of the anchors should be selected for "quick" 200 percent tests and three additional anchors should be selected for 24-hour 200 percent tests. The purpose of the 200 percent tests is to verify the friction value assumed in design. The anchors should be tested to develop twice the assumed friction value. These tests should be performed prior to installation of additional tiebacks. Where satisfactory tests are not achieved on the initial anchors, the anchor diameter and/or length should be increased until satisfactory test results are obtained.

7.22.3 The total deflection during the 24-hour 200 percent test should not exceed 12 inches. During the 24-hour tests, the anchor deflection should not exceed 0.75 inches measured after the 200 percent test load is applied.

7.22.4 For the "quick" 200 percent tests, the 200 percent test load should be maintained for 30 minutes. The total deflection of the anchor during the 200 percent quick tests should not exceed 12 inches; the deflection after the 200 percent load has been applied should not exceed 0.25 inch during the 30-minute period.

7.22.5 After a satisfactory test, each anchor should be locked-off at the design load. This should be verified by rechecking the load in the anchor. The load should be within 10 percent of the design load. The installation and testing of the anchors should be observed by a representative of this firm.

7.23 Internal Bracing

7.23.1 Rakers may be utilized to brace the soldier piles in lieu of tieback anchors. The raker bracing could be supported laterally by temporary concrete footings (deadmen) or by the permanent, interior footings. For design of such temporary footings or deadmen, poured with the bearing surface normal to rakers inclined at 45 degrees, a bearing value of 2,500 psf in competent alluvial soil, provided the shallowest point of the footing is at least 1 foot below the lowest adjacent grade.

7.23.2 The client should be aware that the utilization of rakers could significantly impact the construction schedule do to their intrusion into the construction site and potential interference with equipment. In addition, the raker footing plan should be checked by the project structural engineer to verify if there are any conflicts with the proposed structural foundations, and resolve any issues prior to commencement of construction activities.

7.24 Stormwater Infiltration

7.24.1 During the April 15, 2016 site exploration, boring B1 was excavated and utilized to perform percolation testing. The boring was advanced to the depth listed in the table below. A slotted casing was placed in the boring, and the annular space between the casing and excavation was filled with filter pack. The boring was then filled with water to pre-saturate the soils. The casing was refilled with water and percolation test readings were performed after repeated flooding of the cased excavation. Based on the test results, the average infiltration rate (adjusted percolation rate) for the earth materials encountered is listed in the following table. Additional correction factors may be required and should be applied by the engineer in responsible charge of the design of the stormwater infiltration system and based on applicable guidelines.

Boring	Infiltration Depth (ft.)	Average Infiltration Rate (in / hour)
B1	65-75	0.5

7.24.2 This infiltration rate is considered to be slow and are likely the result of the finer-grained soils that are present at the proposed infiltration depths. Fine-grained soils are typically not conducive to rapid infiltration. Based on this consideration, a stormwater infiltration system is likely not feasible for this project; however, the project civil engineer should evaluate these results.

7.25 Surface Drainage

7.25.1 Proper surface drainage is critical to the future performance of the project. Uncontrolled infiltration of irrigation excess and storm runoff into the supporting soils can adversely affect the performance of the planned improvements. Saturation of a soil can cause it to lose internal shear strength and increase its compressibility, resulting in a change in the original designed engineering properties. Proper drainage should be maintained at all times.

7.25.2 All site drainage should be collected and controlled in non-erosive drainage devices. Drainage should not be allowed to pond anywhere on the site, and especially not against any foundation or retaining wall. The site should be graded and maintained such that surface drainage is directed away from structures in accordance with 2013 CBC 1804.3 or other applicable standards. In addition, drainage should not be allowed to flow uncontrolled over any descending slope. Discharge from downspouts, roof drains and scuppers are not recommended onto unprotected soils within 5 feet of the building perimeter. Planters which are located adjacent to foundations should be sealed to prevent moisture intrusion into the soils providing foundation support. Landscape irrigation is not recommended within 5 feet of the building perimeter footings except when enclosed in protected planters.

7.25.3 Positive site drainage should be provided away from structures, pavement, and the tops of slopes to swales or other controlled drainage structures. The building pad and pavement areas should be fine graded such that water is not allowed to pond.

7.25.4 Landscaping planters immediately adjacent to paved areas are not recommended due to the potential for surface or irrigation water to infiltrate the pavement's subgrade and base course. Either a subdrain, which collects excess irrigation water and transmits it to drainage structures, or an impervious above-grade planter boxes should be used. In addition, where landscaping is planned adjacent to the pavement, it is recommended that consideration be given to providing a cutoff wall along the edge of the pavement that extends at least 12 inches below the base material.

7.26 Plan Review

7.26.1 Grading, shoring and foundation plans should be reviewed by the Geotechnical Engineer (a representative of Geocon West, Inc.), prior to finalization to verify that the plans have been prepared in substantial conformance with the recommendations of this report and to provide additional analyses or recommendations.

LIMITATIONS AND UNIFORMITY OF CONDITIONS

1. The recommendations of this report pertain only to the site investigated and are based upon the assumption that the soil conditions do not deviate from those disclosed in the investigation. If any variations or undesirable conditions are encountered during construction, or if the proposed construction will differ from that anticipated herein, Geocon West, Inc. should be notified so that supplemental recommendations can be given. The evaluation or identification of the potential presence of hazardous or corrosive materials was not part of the scope of services provided by Geocon West, Inc.

2. This report is issued with the understanding that it is the responsibility of the owner, or of his representative, to ensure that the information and recommendations contained herein are brought to the attention of the architect and engineer for the project and incorporated into the plans, and the necessary steps are taken to see that the contractor and subcontractors carry out such recommendations in the field.

3. The findings of this report are valid as of the date of this report. However, changes in the conditions of a property can occur with the passage of time, whether they are due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to review and should not be relied upon after a period of three years.

4. The firm that performed the geotechnical investigation for the project should be retained to provide testing and observation services during construction to provide continuity of geotechnical interpretation and to check that the recommendations presented for geotechnical aspects of site development are incorporated during site grading, construction of improvements, and excavation of foundations. If another geotechnical firm is selected to perform the testing and observation services during construction operations, that firm should prepare a letter indicating their intent to assume the responsibilities of project geotechnical engineer of record. A copy of the letter should be provided to the regulatory agency for their records. In addition, that firm should provide revised recommendations concerning the geotechnical aspects of the proposed development, or a written acknowledgement of their concurrence with the recommendations presented in our report. They should also perform additional analyses deemed necessary to assume the role of Geotechnical Engineer of Record.

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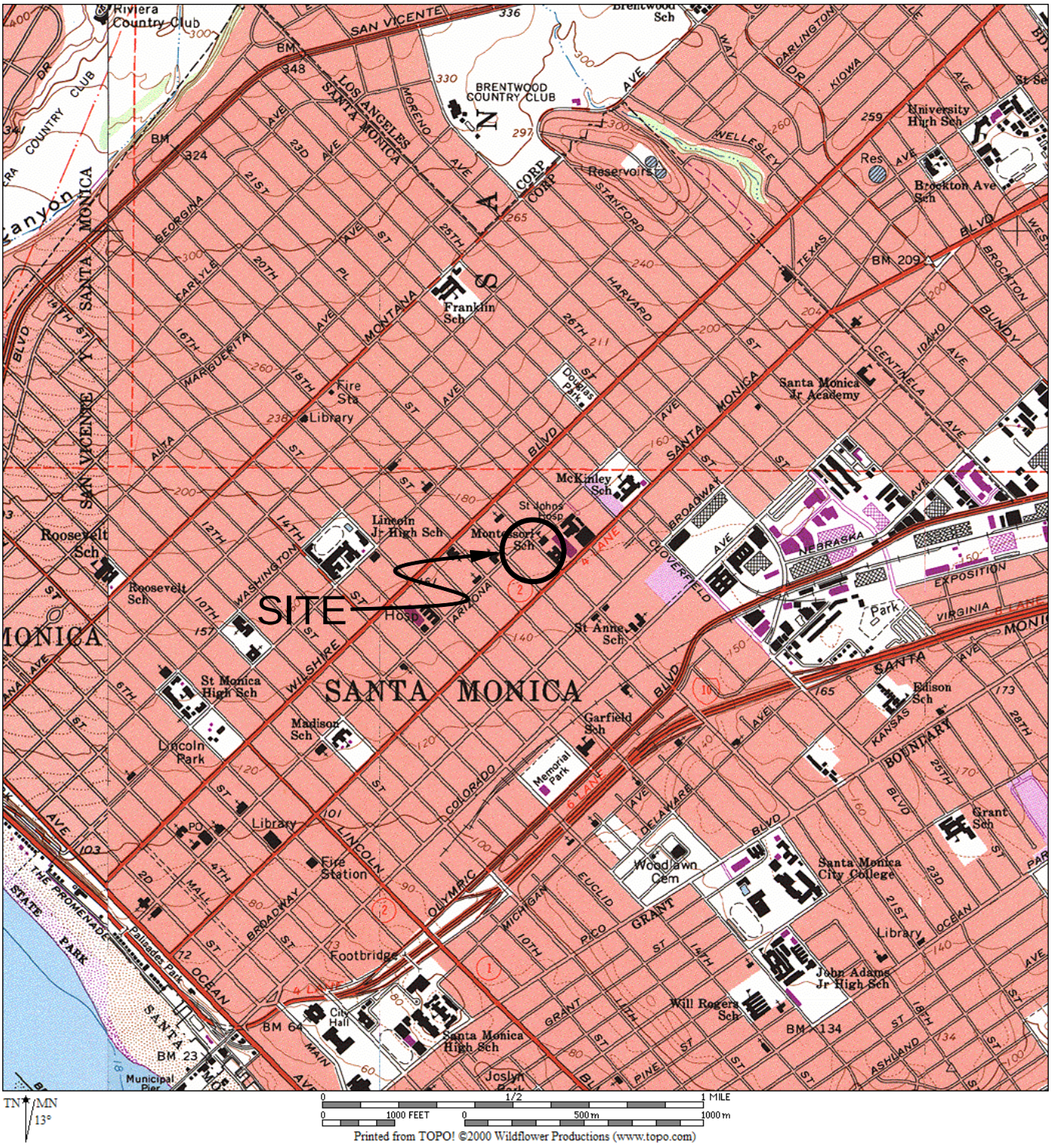

REFERENCE: U.S.G.S. TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES, BEVERLY HILLS, CA QUADRANGLE

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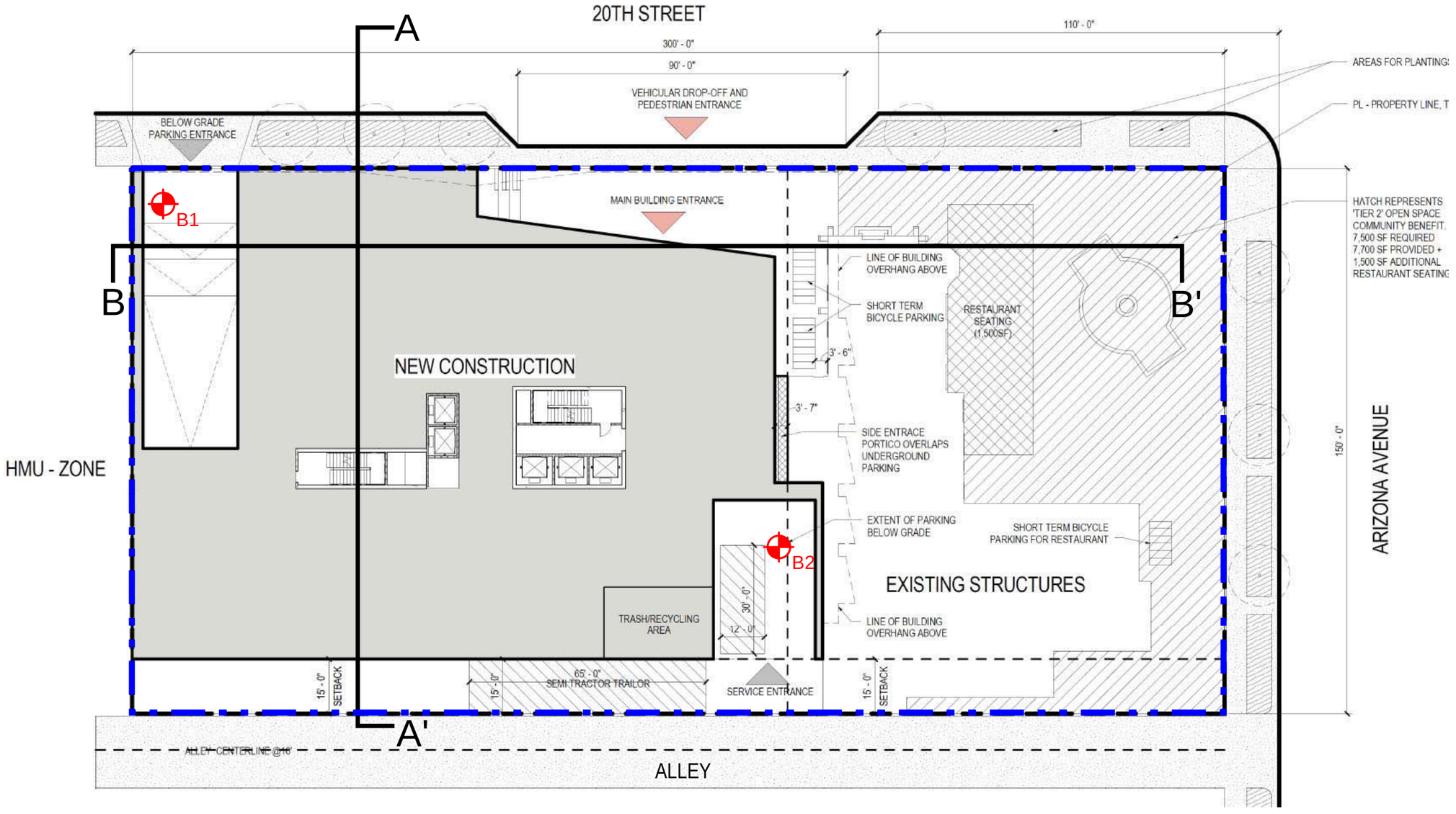
DRAFTED BY: SJB	CHECKED BY: SFK

VICINITY MAP

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016	PROJECT NO. A9414-06-01	FIG. 1



LEGEND

B2 Approximate Location of Borings

Approximate Limits of Proposed Development

B B' Approximate Location of Cross Section Line

0 30' 60'

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SITE PLAN

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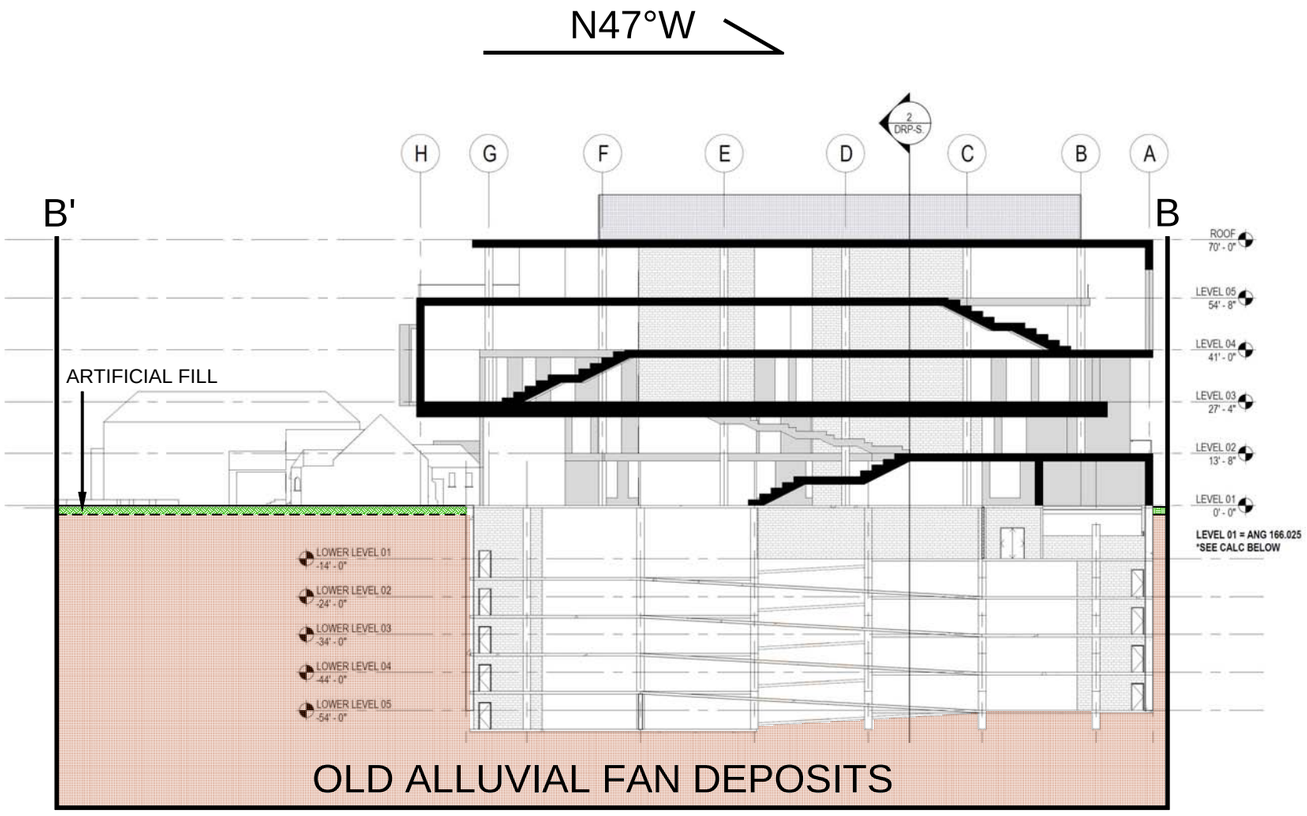
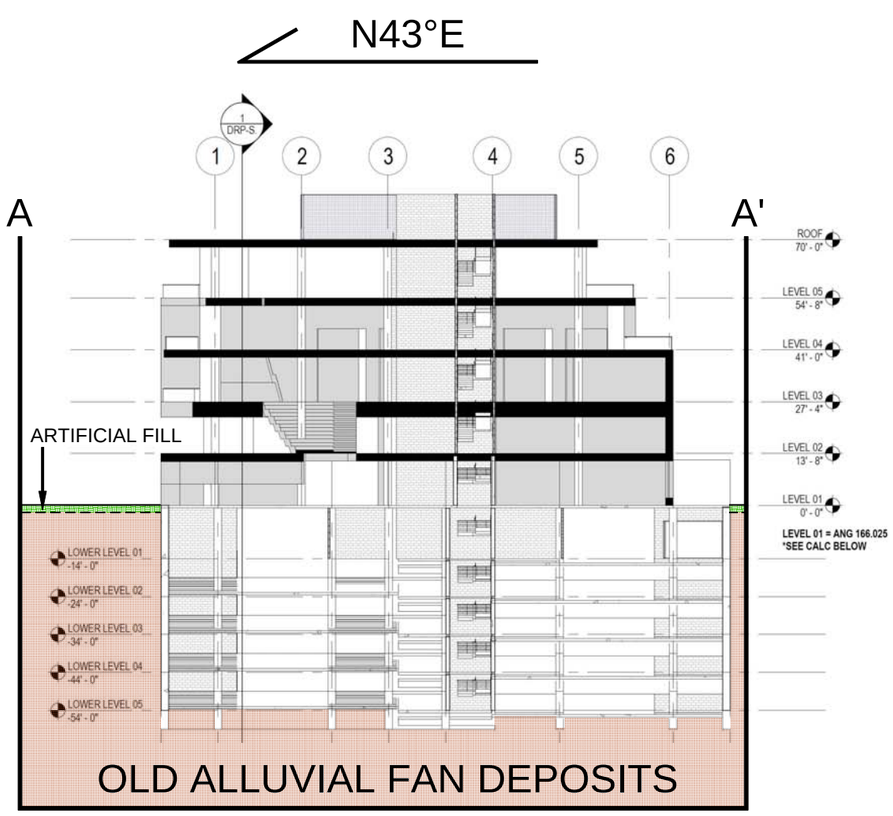
MAY 2016 | PROJECT NO. A9414-06-01 | FIG. 2





LEGEND

- Artificial Fill
- Old Alluvial Fan Deposits
- B B' Approximate Location of Cross Section Line

0 40' 80'

NOTE: CROSS-SECTIONS ARE FOR ILLUSTRATION PURPOSES ONLY. NOT FOR CONSTRUCTION.

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CROSS SECTIONS

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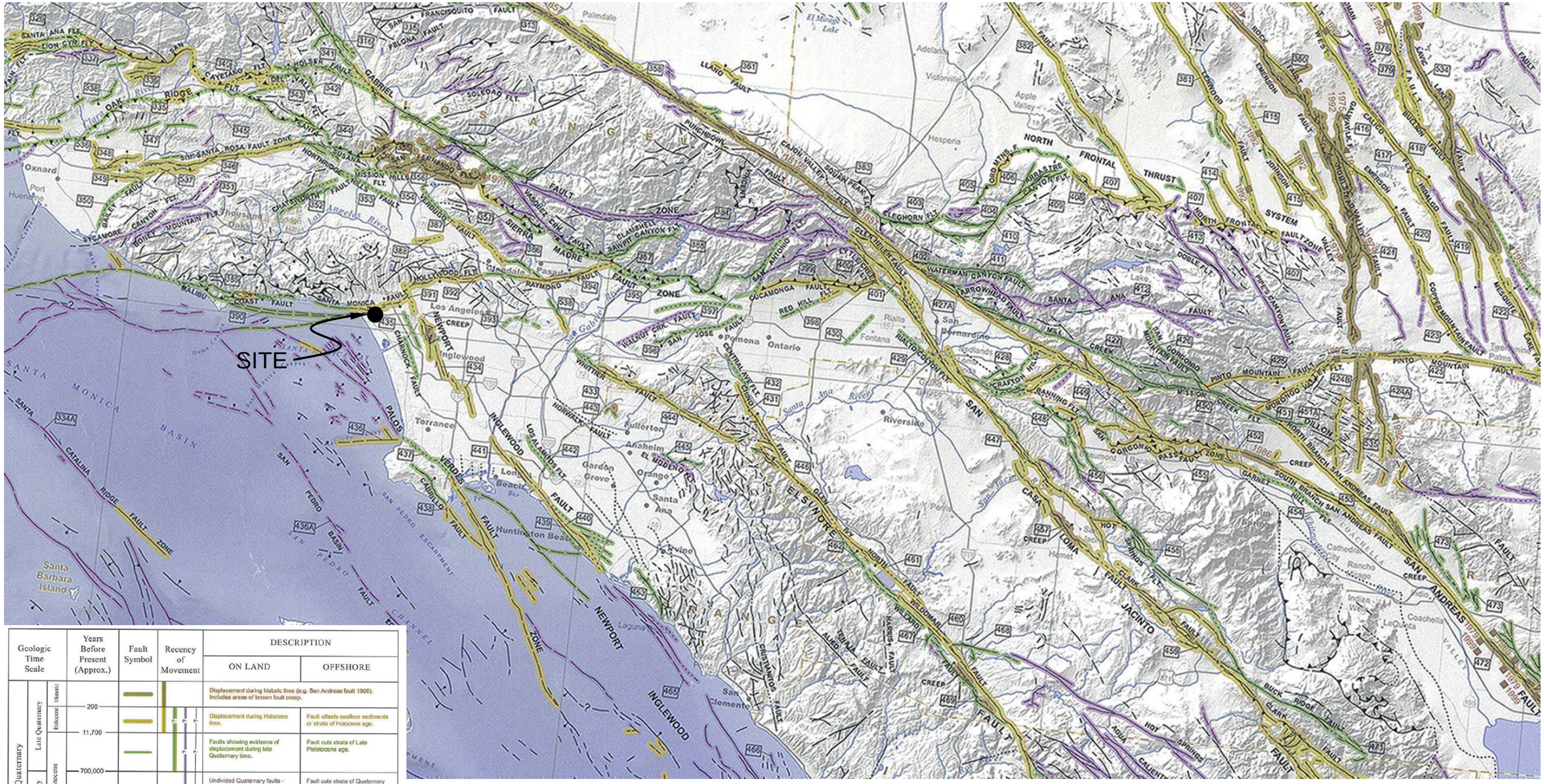
Reference: Jennings, C.W. and Bryant, W. A., 2010, Fault Activity Map of California, California Geological Survey Geologic Data Map No. 6.



Geologic Time Scale			Years Before Present (Approx.)	Fault Symbol	Recency of Movement	DESCRIPTION	
						ON LAND	OFFSHORE
Quaternary	Late Quaternary	Holocene	200			Displacement during historic time (e.g. San Andreas fault 1906). Includes areas of known fault creep.	
						Displacement during Holocene time.	Fault offsets seafloor sediments or strata of Holocene age.
		Pleistocene	11,700			Faults showing evidence of displacement during late Quaternary time.	Fault cuts strata of Late Pleistocene age.
	Early Quaternary		700,000			Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,000 years; possible exceptions are faults which displace rocks of undifferentiated Plio-Pleistocene age.	Fault cuts strata of Quaternary age.
Pre-Quaternary			1,600,000*			Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Fault cuts strata of Pliocene or older age.
			4.5 billion (Age of Earth)				

* Quaternary now recognized as extending to 2.6 Ma (Walker and Geissman, 2009). Quaternary faults in this map were established using the previous 1.6 Ma criterion.

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REGIONAL FAULT MAP

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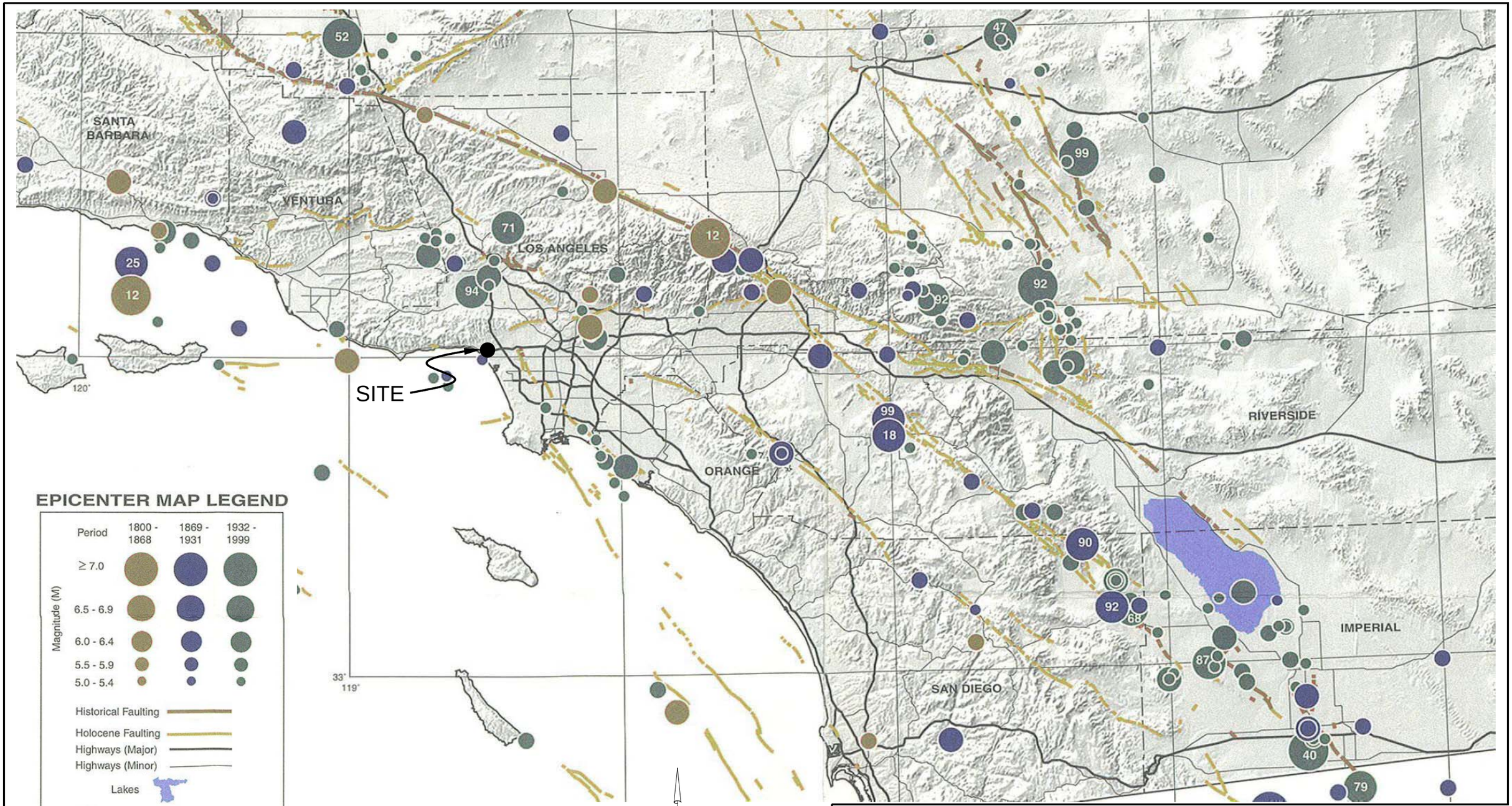
MAY 2016 | PROJECT NO. A9414-06-01 | FIG. 4



EPICENTER MAP LEGEND

Period	1800 - 1868	1869 - 1931	1932 - 1999
≥ 7.0			
6.5 - 6.9			
6.0 - 6.4			
5.5 - 5.9			
5.0 - 5.4			

Magnitude (M)

- Historical Faulting
- Holocene Faulting
- Highways (Major)
- Highways (Minor)
- Lakes
- 65 — Last two digits of M ≥ 6.5 earthquake year

Reference: Toppozada, T., Branum, D., Petersen, M., Hallstrom, C., Cramer, C., and Reichle, M., 2000, Epicenters and Areas Damaged by M>5 California Earthquakes, 1800 - 1999, California Geological Survey, Map Sheet 49.

0 20 40 Miles

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REGIONAL SEISMICITY MAP

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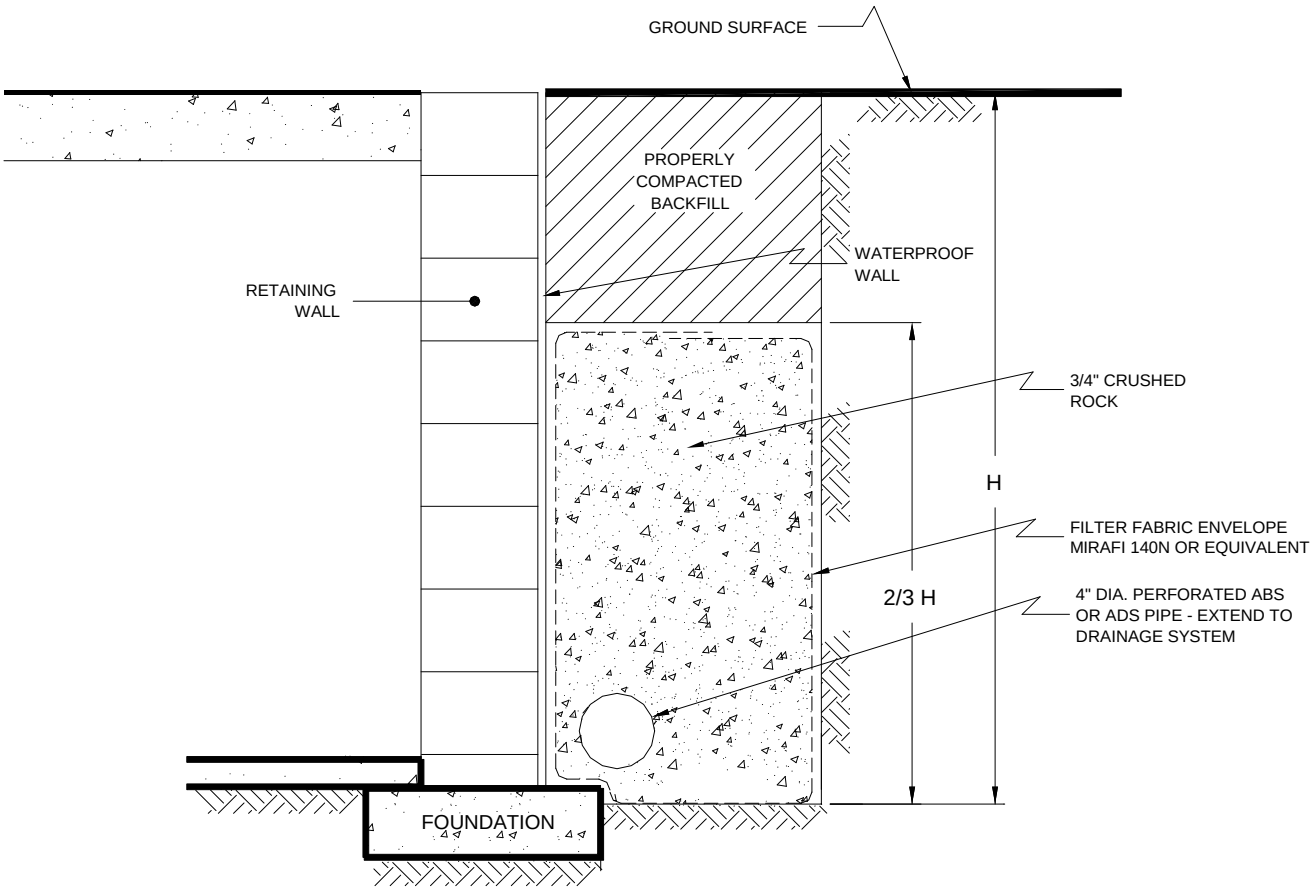
MAY 2016 | PROJECT NO. A9414-06-01 | FIG. 5



NO SCALE

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RETAINING WALL DRAIN DETAIL

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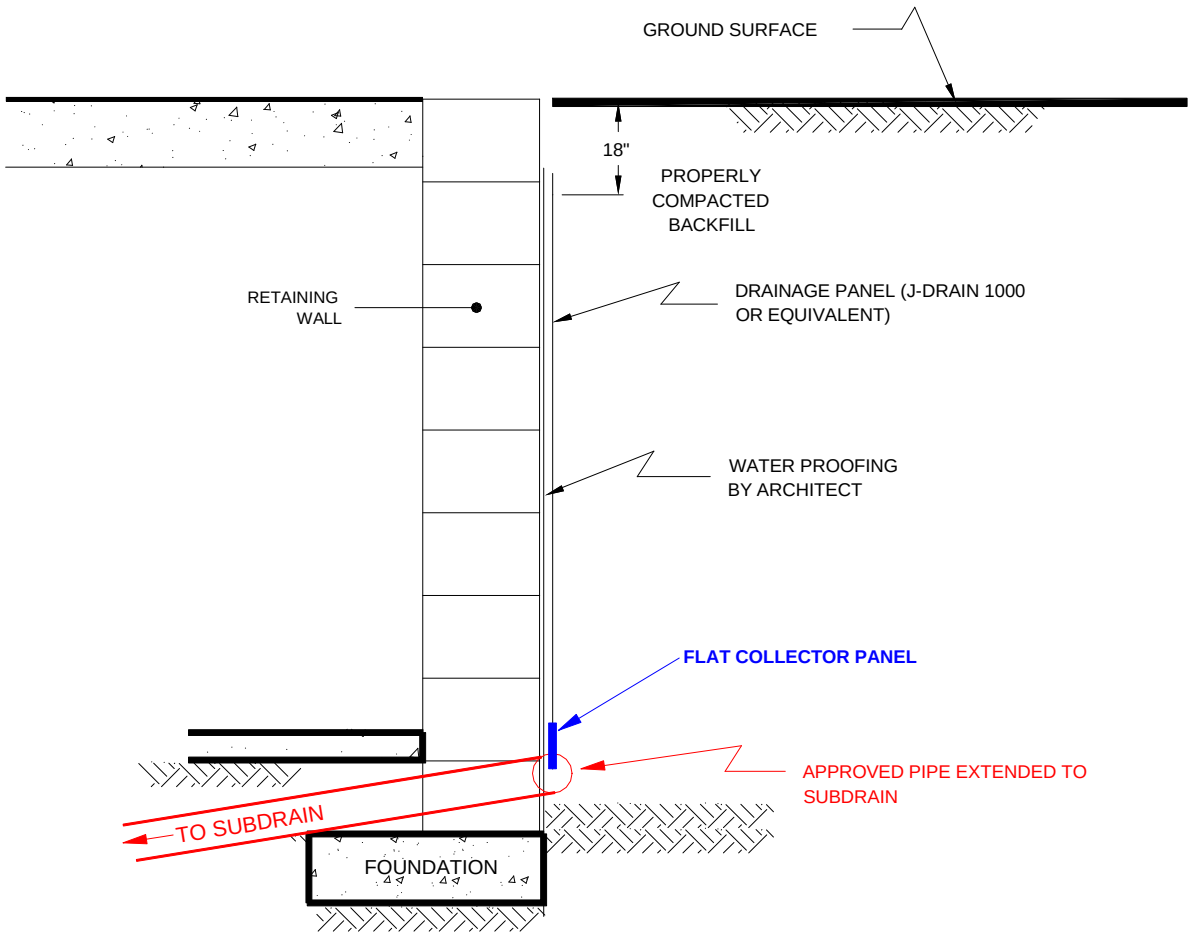
SANTA MONICA, CALIFORNIA

MAY 2016	PROJECT NO. A9414-06-01	FIG. 6



NO SCALE

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: RDG	CHECKED BY: HHD

RETAINING WALL DRAIN DETAIL

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016	PROJECT NO. A9414-06-01	FIG. 7

APPENDIX A

APPENDIX A

FIELD INVESTIGATION

The site was explored on April 15, 2016, by excavating two 8-inch diameter borings to depths of approximately 75½ feet below the existing ground surface utilizing a truck-mounted hollow-stem auger drilling machine. Representative and relatively undisturbed samples were obtained by driving a 3 inch, O. D., California Modified Sampler into the "undisturbed" soil mass with blows from a 140-pound auto-hammer falling 30 inches. The California Modified Sampler was equipped with 1-inch high by 2 3/8-inch diameter brass sampler rings to facilitate soil removal and testing. Bulk samples were also obtained.

The soil conditions encountered in the borings were visually examined, classified and logged in general accordance with the Unified Soil Classification System (USCS). Logs of the borings are presented on Figures A1 through A2. The logs depict the soil and geologic conditions encountered and the depth at which samples were obtained.

PROJECT NO. A9414-06-01

BORING 1

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0	BULK 0-5'				**ASPHALT: 5" BASE: NONE** **ARTIFICIAL FILL** Silt, firm, slightly moist, dark brown, trace clay, trace fine-grained sand, abundant fine gravel.			
2	B1@2'				**OLD ALLUVIAL FAN DEPOSITS** Sandy Silt, hard, slightly moist, brown, fine- to coarse-grained sand, abundant fine gravel.	45	--	--
4								
6	B1@6'					57	126.8	9.5
8					- yellowish brown, very fine-grained sand, trace medium- to fine-grained sand, no gravel			
10	B1@10'				- decrease in medium- to coarse-grained sand content	68	120.4	13.6
12								
14	B1@14'				- stiff	32	111.0	11.8
16				ML				
18	B1@18'				- brown, trace coarse-grained sand, no fine- to medium-grained sand, trace plasticity	25	115.4	13.6
20								
22	B1@22'				- firm, very fine-grained sand, trace clay	21	--	--
24								
26	B1@26'				- stiff, very fine- to fine-grained sand, trace medium- to coarse-grained sand, no clay - no medium- to coarse-grained sand	39	118.3	16.4
28				SM	Silty Sand, medium dense, slightly moist, brown, fine-grained.			

A9414-06-01 BORING LOGS.GPJ

Figure A1,
Log of Boring 1, Page 1 of 3

SAMPLE SYMBOLS

- ☐ ... SAMPLING UNSUCCESSFUL
- ◧ ... STANDARD PENETRATION TEST
- ■ ... DRIVE SAMPLE (UNDISTURBED)
- ⊠ ... DISTURBED OR BAG SAMPLE
- ◪ ... CHUNK SAMPLE
- ▼ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

GEOCON

PROJECT NO. A9414-06-01

BORING 1

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
30	B1@30'				- trace medium- to coarse-grained sand, trace fine gravel	46	119.2	16.1
32				SM	- increase in coarse-grained sand, increase in fine gravel			
34	B1@34'				- abundant fine gravel	40	--	--
36								
38	B1@38'			SW	Sand with Gravel, well-graded, very dense, slightly moist, light brown, fine- to coarse-grained, fine to medium gravel, trace silt. - increase in gravel content	50 (3")	119.2	4.1
40								
42	B1@42'			ML	Silt, stiff, slightly moist, brown, some very fine-grained sand.	25	104.6	23.9
44								
46	B1@46'				Sand with Gravel, well-graded, very dense, slightly moist, brown, fine- to coarse-grained, fine to medium gravel.	50 (5")	--	--
48								
50	B1@50'			SW	- increase in fine to coarse gravel, trace cobbles	50 (4")	118.3	3.3
	BULK 50-55'							
52	B1@52'					50 (5")	99.3	4.2
54	B1@54'				- decrease in sand content, decrease in coarse gravel - increase in fine- to coarse-grained sand	50 (5")	114.0	3.9
56	B1@56'			SM	Silty Sand, medium dense, moist, brown, very fine-grained, trace fine-grained, trace plasticity.	41	116.3	16.2
58	B1@58'				- increase in fine- to medium-grained sand	52	116.0	17.1

A9414-06-01 BORING LOGS.GPJ

Figure A1,
Log of Boring 1, Page 2 of 3

SAMPLE SYMBOLS

- ☐ ... SAMPLING UNSUCCESSFUL
- ◧ ... STANDARD PENETRATION TEST
- ■ ... DRIVE SAMPLE (UNDISTURBED)
- ⊠ ... DISTURBED OR BAG SAMPLE
- ◪ ... CHUNK SAMPLE
- ▼ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. A9414-06-01

BORING 1

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
60				SM	- slightly moist, fine-grained sand, no plasticity			
62	B1@62'				Sandy Silt, hard, slightly moist, brown, fine-grained, trace clay.	71	117.5	15.1
64								
66	B1@66'				- reddish brown, decrease in clay content	50 (5")	119.0	12.9
68				ML	- brown			
70	B1@70'				- decrease in sand content	50 (6")	124.0	12.7
72								
74					- increase in clay content			
	B1@75'					69	118.4	16.5

Total depth of boring: 75.5 feet
Fill to 2 feet.
No groundwater encountered.
Backfilled with soil cuttings and tamped.

*Penetration resistance for 140-pound hammer falling 30 inches by auto-hammer.

A9414-06-01 BORING LOGS.GPJ

Figure A1,
Log of Boring 1, Page 3 of 3

SAMPLE SYMBOLS

- ☐ ... SAMPLING UNSUCCESSFUL
- ◧ ... STANDARD PENETRATION TEST
- ■ ... DRIVE SAMPLE (UNDISTURBED)
- ⊠ ... DISTURBED OR BAG SAMPLE
- ◪ ... CHUNK SAMPLE
- ▼ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

GEOCON

PROJECT NO. A9414-06-01

BORING 2

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0	BULK 0-5'				**ASPHALT: 4" BASE: NONE** **ARTIFICIAL FILL** Sandy Silt, firm, slightly moist, dark brown, fine- to medium-grained, trace coarse-grained, trace fine gravel.			
2	B2@2'			ML	**OLD ALLUVIAL FAN DEPOSITS** Sandy Silt, hard, slightly moist, yellowish brown, fine- to medium-grained, trace coarse-grained, trace fine gravel.	43	122.8	10.9
4								
6	B2@6'				- fine- to coarse-grained sand, some fine gravel	41	121.3	12.8
8								
10	B2@10'			SW	Sand with Gravel, well-graded, medium dense, slightly moist, brown, fine- to coarse-grained, fine to coarse gravel.	36	104.6	17.6
12								
14	B2@14'			SP-SM	Sand with Silt, poorly graded, medium dense, slightly moist, brown, very fine- to fine-grained.		117.3	14.5
16								
18	B2@18'			SM	Silty Sand, medium dense, slightly moist, brown, very fine- to fine-grained. - some fine gravel		109.0	19.7
20								
22	B2@22'				- trace coarse-grained sand, no gravel	28	118.1	14.2
24								
26	B2@26'				- trace medium- to coarse-grained sand, trace fine to coarse gravel	39	116.6	14.6
28				SW	Sand with Gravel, well-graded, medium dense, slightly moist, brown, fine- to coarse-grained, fine to coarse gravel, trace silt.			

A9414-06-01 BORING LOGS.GPJ

Figure A2,
Log of Boring 2, Page 1 of 3

SAMPLE SYMBOLS

- ☐ ... SAMPLING UNSUCCESSFUL
- ◧ ... STANDARD PENETRATION TEST
- ■ ... DRIVE SAMPLE (UNDISTURBED)
- ⊠ ... DISTURBED OR BAG SAMPLE
- ◪ ... CHUNK SAMPLE
- ▼ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. A9414-06-01

BORING 2

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
30	B2@30'	SW	- very dense, fine- to medium-grained, trace coarse-grained sand, abundant fine gravel	64	124.5	4.8
34	B2@34'			50 (5")	117.5	4.4
36		SM	Silty Sand, medium dense, moist, brown, fine-grained.			
38	B2@38'			47	119.9	18.8
40		ML	Silt, hard, moist, brown, trace fine-grained sand, trace fine gravel.			
42	B2@42'			61	112.7	20.9
44		SP	Sand with Gravel, poorly graded, dense, slightly moist, brown, very fine- to medium-grained, fine to coarse gravel.			
46	B2@46'			71	122.9	5.4
50	B2@50' BULK 50-55'		- very dense, fine-grained sand, trace medium-grained sand, fine to coarse gravel, trace cobbles	50 (4")	114.4	5.1
52	B2@52'		- fine gravel, increase in sand content	50 (4")	118.3	3.7
54	B2@54'			25	106.7	22.6
56	B2@56'	SM	Silty Sand, medium dense, moist, brown, fine- to medium-grained, abundant fine gravel. - decrease in fine gravel, trace coarse-grained sand	22	114.4	16.0
58	B2@58'	ML	Silt, stiff, moist, brown, trace clay, trace fine-grained sand.	38	112.4	19.0

A9414-06-01 BORING LOGS.GPJ

Figure A2,
Log of Boring 2, Page 2 of 3

SAMPLE SYMBOLS

- ... SAMPLING UNSUCCESSFUL
- ... STANDARD PENETRATION TEST
- ... DRIVE SAMPLE (UNDISTURBED)
- ... DISTURBED OR BAG SAMPLE
- ... CHUNK SAMPLE
- ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

GEOCON

PROJECT NO. A9414-06-01

BORING 2

ELEV. (MSL.) _____ DATE COMPLETED **4/15/16**

EQUIPMENT **HOLLOW STEM AUGER** BY: **SJB**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT*)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
60						
62	B2@62'	ML		45	110.4	19.8
64			Sand with Silt, well-graded, medium dense, moist, brown, fine- to coarse-grained, trace fine gravel.			
66	B2@66'	SW-SM		42	115.3	18.2
68			Sandy Silt, hard, slightly moist, brown, very fine-grained.			
70	B2@70'			50 (5")	128.3	14.1
72		ML				
74						
	B2@75'		- trace plasticity	65	120.1	15.0

Total depth of boring: 75.5 feet
Fill to 2 feet.
No groundwater encountered
Backfilled with soil cuttings and tamped.

*Penetration resistance for 140-pound hammer falling 30 inches by auto-hammer.

A9414-06-01 BORING LOGS.GPJ

Figure A2,
Log of Boring 2, Page 3 of 3

SAMPLE SYMBOLS

☐ ... SAMPLING UNSUCCESSFUL ◧ ... STANDARD PENETRATION TEST ■ ... DRIVE SAMPLE (UNDISTURBED)

⊠ ... DISTURBED OR BAG SAMPLE ◪ ... CHUNK SAMPLE ▼ ... WATER TABLE OR SEEPAGE

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GEOCON

APPENDIX B

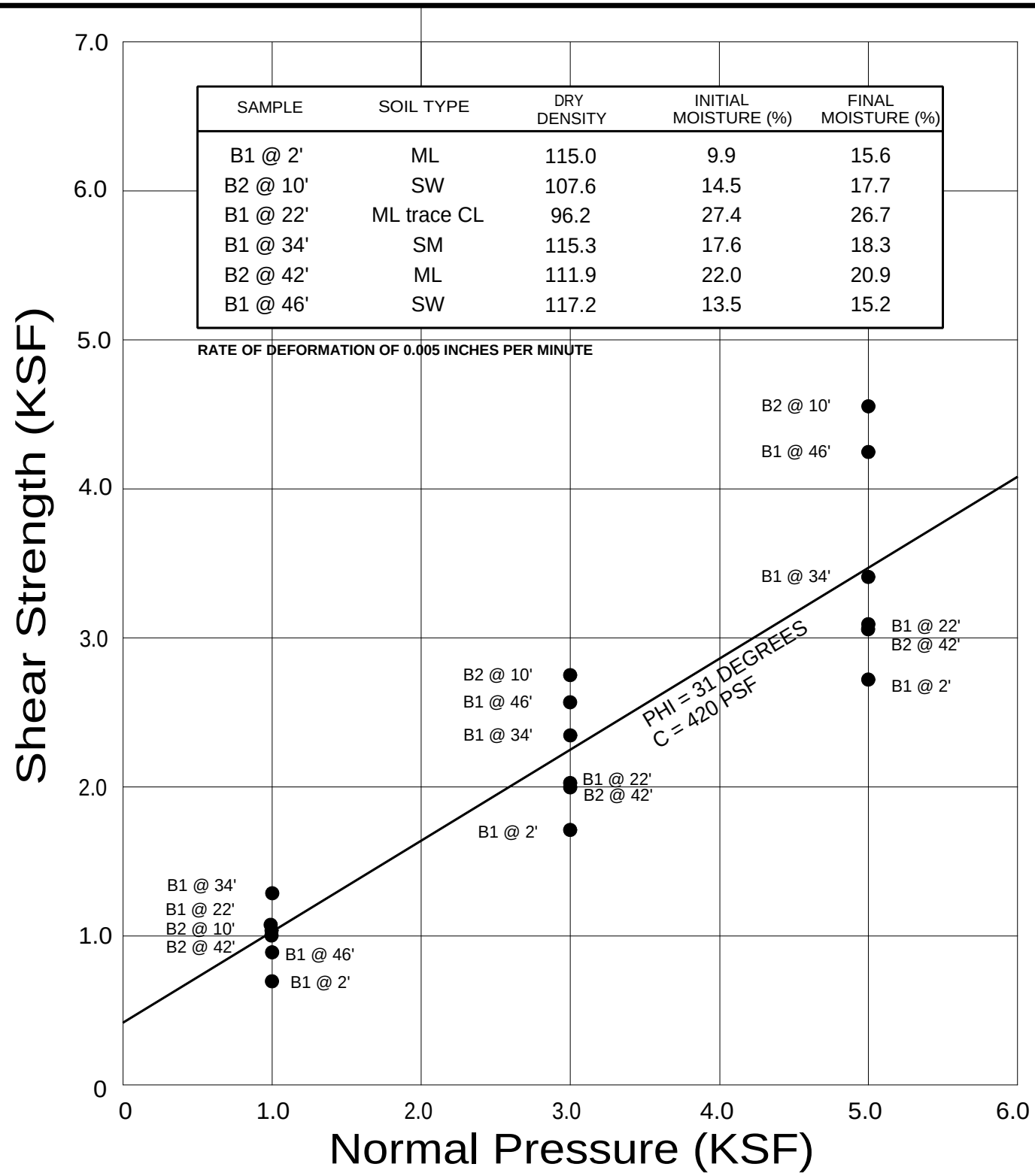
APPENDIX B

LABORATORY TESTING

Laboratory tests were performed in accordance with generally accepted test methods of the "American Society for Testing and Materials (ASTM)", or other suggested procedures. Selected samples were tested for direct shear strength, consolidation, expansion characteristics, corrosivity, and in-place dry density and moisture content. The results of the laboratory tests are summarized in Figures B1 through B6. The in-place dry density and moisture content of the samples tested are presented on the boring logs, Appendix A.

SAMPLE	SOIL TYPE	DRY DENSITY	INITIAL MOISTURE (%)	FINAL MOISTURE (%)
B1 @ 2'	ML	115.0	9.9	15.6
B2 @ 10'	SW	107.6	14.5	17.7
B1 @ 22'	ML trace CL	96.2	27.4	26.7
B1 @ 34'	SM	115.3	17.6	18.3
B2 @ 42'	ML	111.9	22.0	20.9
B1 @ 46'	SW	117.2	13.5	15.2

RATE OF DEFORMATION OF 0.005 INCHES PER MINUTE



● Direct Shear, Saturated

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: RDG | CHECKED BY: HHD

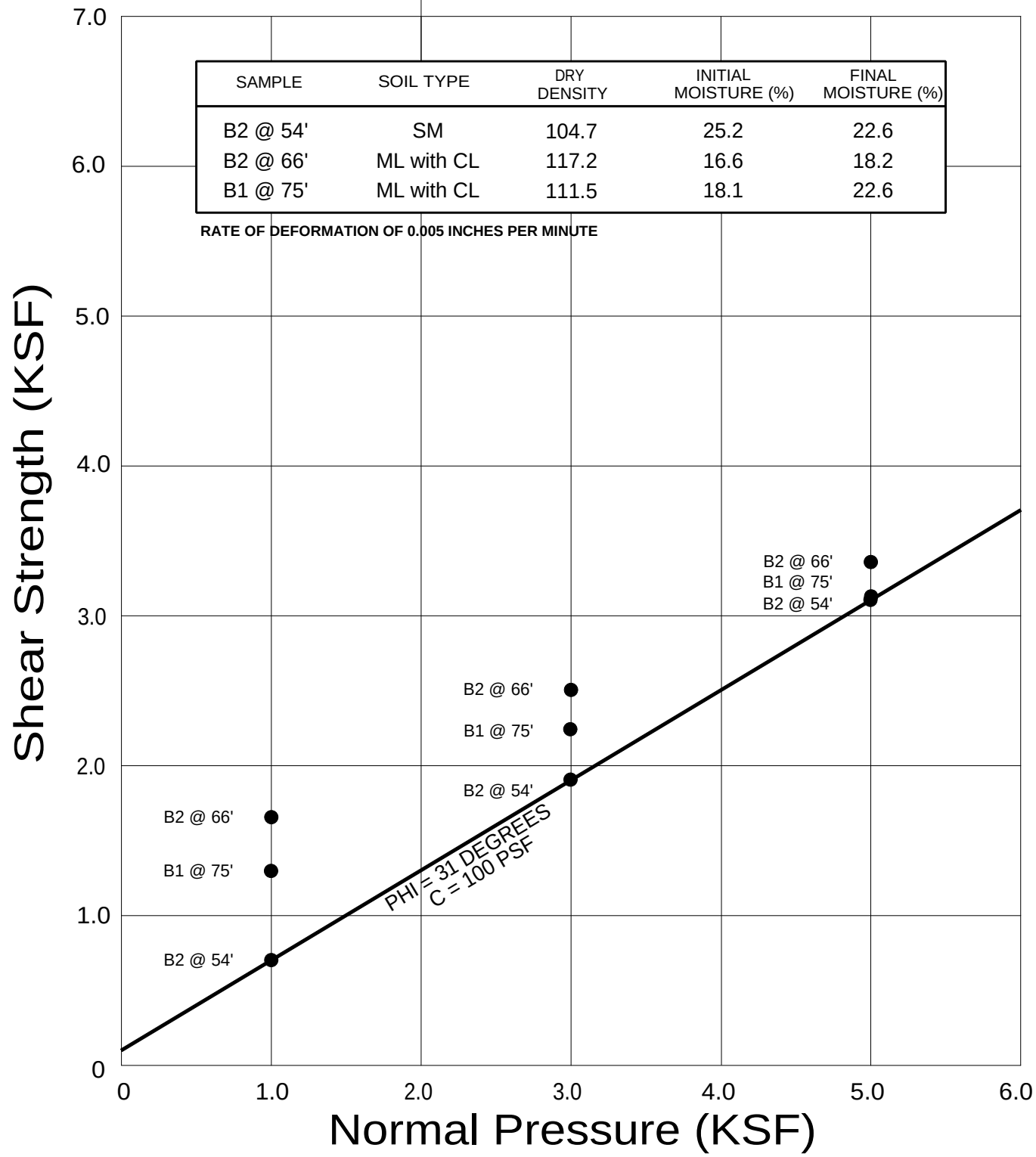
DIRECT SHEAR TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B1

SAMPLE	SOIL TYPE	DRY DENSITY	INITIAL MOISTURE (%)	FINAL MOISTURE (%)
B2 @ 54'	SM	104.7	25.2	22.6
B2 @ 66'	ML with CL	117.2	16.6	18.2
B1 @ 75'	ML with CL	111.5	18.1	22.6

RATE OF DEFORMATION OF 0.005 INCHES PER MINUTE



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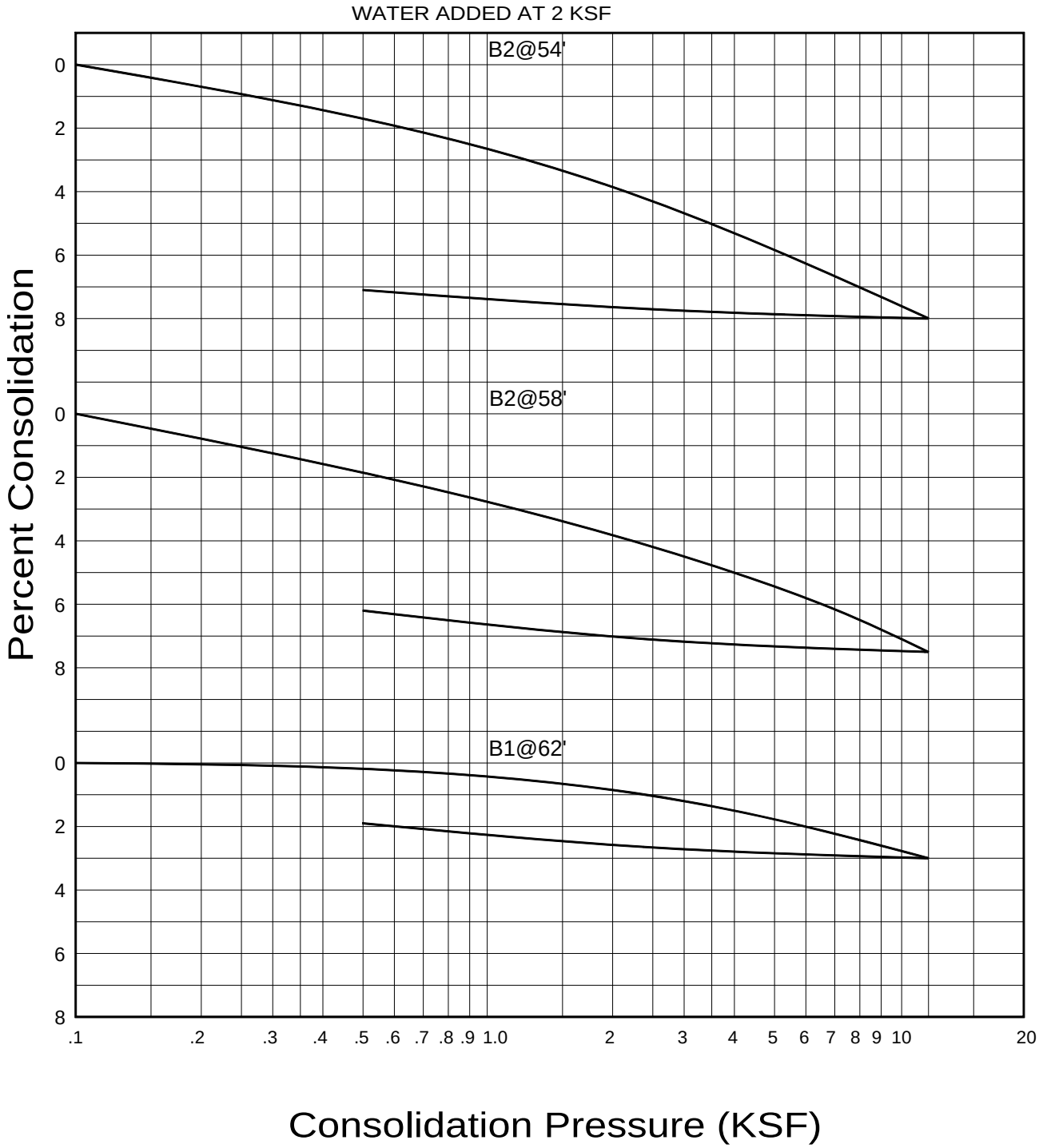
DRAFTED BY: RDG | CHECKED BY: HHD

DIRECT SHEAR TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B2



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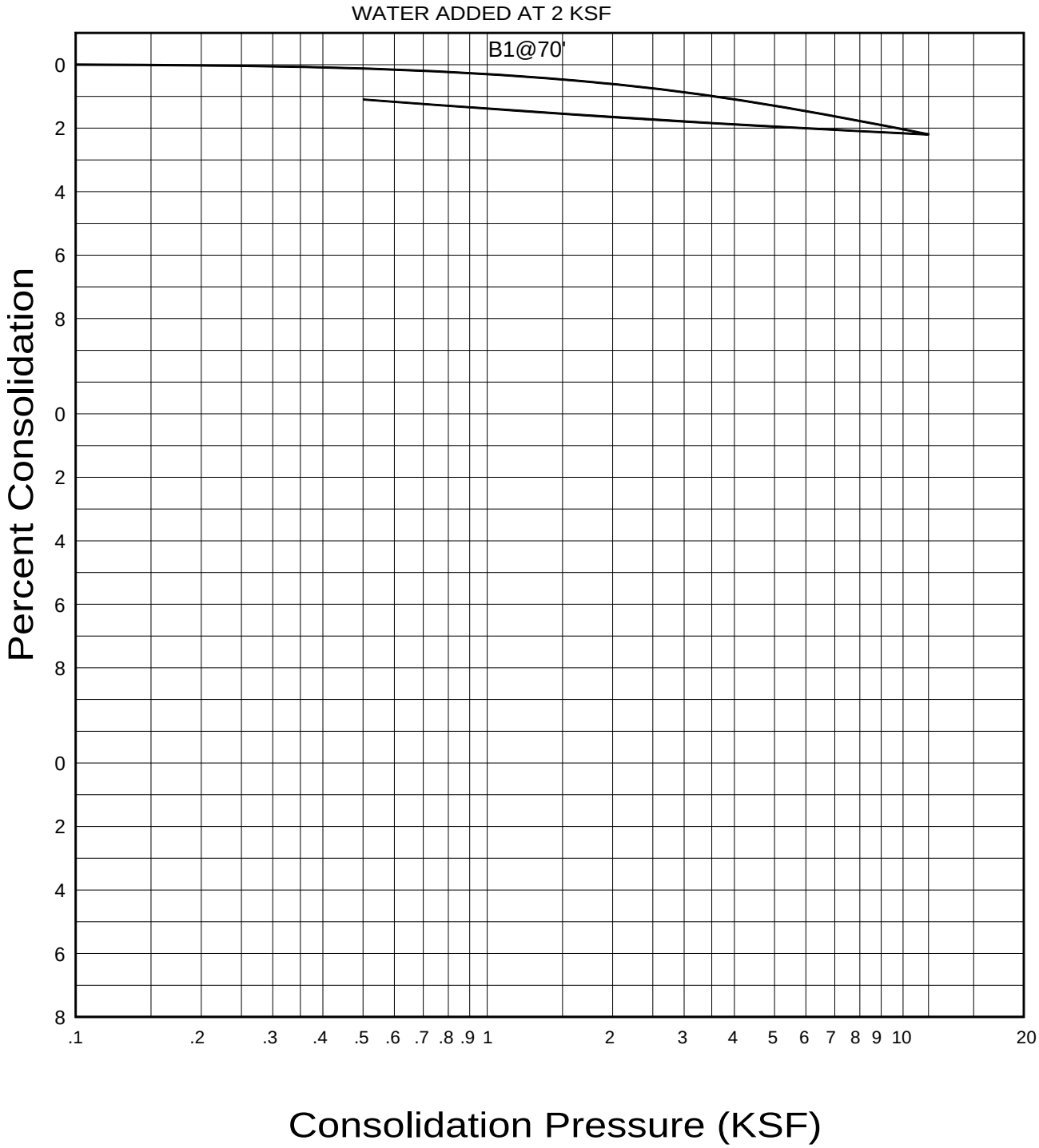
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: RDG | CHECKED BY: HHD

CONSOLIDATION TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B3



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WEST, INC.

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3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: RDG | CHECKED BY: HHD

CONSOLIDATION TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B4

SUMMARY OF LABORATORY MAXIMUM DENSITY AND AND OPTIMUM MOISTURE CONTENT TEST RESULTS ASTM D 1557-12

Sample No.	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture (%)
B2 @ 0-5'	Brown Sandy Silt	132.0	9.0

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

Drafted by: RDG | Checked by: HHD

LABORATORY TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B5

SUMMARY OF LABORATORY POTENTIAL OF HYDROGEN (pH) AND RESISTIVITY TEST RESULTS CALIFORNIA TEST NO. 643

Sample No.	pH	Resistivity (Ohm Centimeters)
B2 @ 0-5'	6.1	3000 (Moderately Corrosive)

SUMMARY OF LABORATORY CHLORIDE CONTENT TEST RESULTS EPA NO. 325.3

Sample No.	Chloride Ion Content (%)
B2 @ 0-5'	0.005

SUMMARY OF LABORATORY WATER SOLUBLE SULFATE TEST RESULTS CALIFORNIA TEST NO. 417

Sample No.	Water Soluble Sulfate (% SO_4)	Sulfate Exposure*
B2 @ 32'	0.019	Negligible

* Reference: 2013 California Building Code, Section 1904.3 and ACI 318-11 Section 4.3.

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

Drafted by: RDG. | Checked by: HHD

CORROSIVITY TEST RESULTS

1925 ARIZONA (LA), LLC
c/o CIM GROUP, LP
1242 20TH STREET
SANTA MONICA, CALIFORNIA

MAY 2016 | PROJECT NO. A9414-06-01 | FIG. B6

APPENDIX E

Phase I Environmental Site Assessment and Environmentally-Regulated Materials Survey Report

CITADEL ENVIRONMENTAL SERVICES, INC.

assess
resolve
strengthen

August 3, 2016

Ms. Ellen Rose
1st Vice President, Legal Department
1925 ARIZONA (SM), LLC
4700 Wilshire Boulevard
Los Angeles, California 90010

Re: CITADEL Project No. 0765.1059.0
Environmentally Regulated Materials Survey Report
Pre-Demolition Asbestos and Lead Survey
Two Apartment Buildings
1234 and 1242 20th Street
Santa Monica, California 90404

Dear Ms. Rose:

Enclosed please find Citadel Environmental Services, Inc.'s Environmentally-Regulated Materials (ERMs) Survey Report for the above-referenced location.

If after your review you have any questions or require additional information, please do not hesitate to telephone me at the Citadel Office in Costa Mesa at 714.547.4301.

Sincerely,
CITADEL ENVIRONMENTAL SERVICES, INC.

Jack Samuels

Digitally signed by Jack Samuels
DN: cn=Jack Samuels, o, ou, email=JSamuels@citadelenvironmental.com, c=US
Date: 2016.08.04 09:25:21 -07'00'

Jack Samuels
Senior Project Manager – Building Sciences

Enclosure

1925 Arizona (SM), LLC
4700 Wilshire Boulevard
Los Angeles, California 90010

Environmentally-Regulated Materials Survey Report

August 3, 2016

Citadel Project Number 0765.1059.0

Asbestos and Lead Survey
Two Apartment Buildings
1234 and 1242 20th Street
Santa Monica, California 90404

www.citadelenvironmental.com

CITADEL ENVIRONMENTAL SERVICES, INC.
assess
resolve
strengthen
151 Kalmus Drive, Costa Mesa, California 92626 / P 714.547.4301 / F 714.547.4647 www.citadelenvironmental.com

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1.0 INTRODUCTION

Citadel Environmental Services, Inc. (Citadel) was contracted by 1925 Arizona (SM), LLC (Client) to conduct an Pre-demolition Environmentally-Regulated Materials (ERMs) survey {i.e., asbestos-containing materials/asbestos-containing construction materials (ACMs/ACCMs), lead-containing materials (LCMs)}, of the two apartment buildings located at 1234 and 1242 20th Street in Santa Monica, California (Project Site).

The survey was conducted on July 20th, 2016 by Citadel representatives Rigoberto Rodriguez and James Bernardino. Mr. Rodriguez is a California Department of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST) (No. 07-4152), and California Department of Public Health Services (CDPH) Lead-Related Construction Inspector/Assessor (LRCIA) (No. 26043); and Mr. Berardino is a DOSH CSST (No. 15-5502) and a CDPH Lead-Related Construction Sampling Technician (LRCST) (No. 26529). All work was conducted under the general supervision of, and the report was written by, Mr. Jack Samuels, a DOSH Certified Asbestos Consultant (CAC) (No. 92-0475) and CDPH Lead-Related Construction Inspector/Assessor (LRCIA) (No. 5380). The report was reviewed by Ms. Nicolette Casarez, a DOSH CSST (No. 15-5585) and CDPH LRST (No. 26184). Project team certifications can be found in Appendix **A**.

The purpose of the survey was to locate, identify, and quantify ACMs/ACCMs and LCMs in the interior, exterior, and roofs of the two apartment buildings that would be disturbed by a demolition project.

2.0 SURVEY METHODOLOGIES

FIELD METHODOLOGIES – ASBESTOS

Citadel began the field survey by visually inspecting the project area to categorize suspect ACMs/ACCMs to be impacted by the project. Suspect ACMs/ACCMs were categorized by homogeneous areas (HAs). HAs consist of groupings of materials that have uniform appearances, textures, and installation dates. Following the walk through, representative bulk samples of suspect ACMs/ACCMs were then collected. As the samples were collected, the locations of the HAs and samples were marked on field sketches. Locations of visible debris were also noted where observed.

ACMs/ACCMs Condition Assessment

Materials were assessed to be in good, *damaged*, or *significantly damaged* condition based on how their condition at the time of the survey related to the following:

- ***Good Condition*** **-** No or very limited visible damage or deterioration was observed.
- ***Damaged Condition*** **-** Crumbling, blistering, water damage, gouges, or other damage was observed over less than 25% of the materials (one-tenth if evenly distributed); or accumulation of suspect powder, dust or debris below the material was observed.
- ***Significantly Damaged Condition*** **-** Crumbling, blistering, water damage, gouges, or other damage was observed over greater than 25% of the material (one-tenth if evenly distributed); material is delaminating or showing adhesive failure; or accumulation of suspect powder, dust or debris below the material was observed.

FIELD METHODOLOGIES – LEAD CONTAINING MATERIALS (LCMS)

X-Ray Fluorescence (XRF SA) (SCREEN)

A lead inspection/screening was conducted to test surface paints/coatings on surface area components such as stucco walls, plaster walls, ceramic tiles, wood doors, ceramic sinks, metal handrails, etc. for lead-based paints (LBPs) and lead-containing paints (LCPs). Citadel utilized X-Ray Florescence Spectrum Analysis (XRF-SA) to test suspect paints and coatings. Assays (tests) were taken from interior and exterior painted/coated surfaces as necessary.

The XRF irradiates the paint on a given surface causing the lead in the paint, if present, to emit a characteristic frequency of x-ray radiation. The intensity of this radiation is measured by the detector and related to the amount of lead in the paint. The type of XRF used in this survey was a Niton XLP-303A X-Ray Fluorescence Spectrum Analyzer, Serial Number 23418. The XRF analyzer provides an in-the-field determination of suspect LBP without the need to collect substantial numbers of paint chip samples for subsequent laboratory analysis.

In order to obtain a reading, the XRF was placed with the face of the instrument flush against the surface to be tested. It was then held in place for the duration of the sample, which was determined by the instrument. At the conclusion of the sample time, the lead concentration was displayed on the device's readout screen. The values, expressed in milligrams per square centimeter (mg/cm^2), are stored in the device and can be recalled by the inspector upon downloading into computer software. The Niton is sensitive to 0.1 milligrams per square centimeter (mg/cm^2) of lead.

The instrument, equipped with a sealed radioactive source, was operated by certified personnel in accordance with manufacturer requirements and applicable regulations. The operator calibrated the XRF-SA pursuant to the manufacturer's specifications and regularly verified XRF-SA readings against pre-determined lead samples produced by the National Institute of Standards and Testing (NIST). All of these quality control measures produced a 95% confidence level that the XRF-SA readings accurately reflected the actual level of lead in the tested surfaces.

3.0 RESULTS

ASBESTOS

Asbestos Definitions

Asbestos-Containing Materials (ACM): The EPA's Asbestos NESHAPs and the South Coast Air Quality Management District (SCAQMD), the local air pollution control district, define an asbestos-containing material as any material that contains a concentration of asbestos of greater than one percent (>1.0%) by area as determined by PLM (Federal Register, Volume 59, No. 146, August 1, 1994, P. 38970-38971). NESHAPs and SCAQMD Rule 1403 further segregate asbestos-containing materials into *Regulated Asbestos-Containing Materials (RACM), Category I Non-Friable Materials,* and *Category II Non-Friable Materials*, which are defined as follows:

- **Regulated Asbestos-Containing Materials (RACM)/Asbestos-Containing Materials (ACM):** Includes all friable asbestos materials, Category I/Class I Non-friable ACM that have become friable or will become friable, and Category II/Class II Non-friable ACM that have a high probability of being crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of renovation or demolition.
- ***Category I Nonfriable ACM/Class I Nonfriable ACM:*** Includes asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products that when dry can be crumbled, pulverized, or reduced to powder by hand pressure in the course of renovation and demolition activities.

- ***Category II Nonfriable ACM/Class II Nonfriable ACM:*** Includes all non-friable materials, excluding *Category I/Class I Nonfriable ACM* that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Asbestos-Containing Construction Materials (ACCM): The California Department of Occupational Safety and Health (Cal/OSHA) further defines an asbestos-containing construction material (ACCM) as a material that contains greater than one-tenth of one percent (>0.1%) asbestos.

Presumed Asbestos-Containing Material (PACM) means thermal system insulation and surfacing material found in buildings, vessels, and vessel sections constructed no later than 1980 that are assumed to contain greater than one percent asbestos but have not been sampled or analyzed to verify or negate the presence of asbestos.

Asbestos Results

During the survey, a total of ninety-five (95) asbestos bulk samples were collected and submitted for analysis. The bulk samples were submitted to EMSL Analytical, Inc. in San Diego, California and Seattle, Washington, for analysis by polarized light microscopy (PLM) for asbestos content using EPA 600/R-93/116 Method. The EPA method is a semi-quantitative procedure with a detection limit of one-tenth to one percent (0.10 – 1.0%) by area, dependent upon the material being analyzed. If indicated, select samples were submitted for more objective analysis following EPA 600/R-93/116 Method Point Count procedures (1,000 points). The Point Count procedure is used to increase the amount of sample viewed under PLM so that the results are statistically enhanced, resulting in a generally more accurate analysis.

Table A.1 below summarizes the materials identified and sampled to be **Asbestos Containing Materials (ACM)** (>1.0% asbestos) in the survey area, along with the locations of each material:

TABLE A.1

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	RECOMMENDED MANAGEMENT ACTION
1234 20TH STREET				
9"x9" Vinyl Floor Tile, Beige	9VFT1	1st Floor: Unit A, Room 1	176 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Floor Tile Mastic, Yellow, a/w 9VFT1	FTM1	1st Floor: Unit A, Room 1	176 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Transite Pipe, Gray, 6" OD (6 Pipes Total)	TP1	Attic and Roof	60 LF	Remove – Utilize: DOSH-Registered Abatement Contractor
Vinyl Sheet Flooring, Yellow, Under VSF1	VSF2	2nd Floor: Unit C, Room 3	80 SF	Remove – Utilize: DOSH-Registered Abatement Contractor

[1] All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

TABLE A.1

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	RECOMMENDED MANAGEMENT ACTION
Window Putty, Gray	WP2	2nd Floor: SW Windows	15 LF	Remove – Utilize: DOSH-Registered Abatement Contractor
1242 20TH STREET				
Miscellaneous Material, Beige, Deck Coating	MISC1	2nd Floor: Deck Coating	440 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Mirror Mastic, Black	MM1	2nd Floor: Unit A, Room 1	10 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Vinyl Sheet Flooring, Gold and White	VSF1	1st Floor: Unit D, Room 2; Unit G, Room 2; 2nd Floor: Unit A, Unit C, Room 2	382 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Vinyl Sheet Flooring Mastic, Yellow, a/w VSF1	VSFM1	1st Floor: Unit D, Room 2; Unit G, Room 2; 2nd Floor: Unit A, Unit C, Room 2	382 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Vinyl Sheet Flooring Mastic, Yellow, a/w VSF3	VSFM3	1st Floor: Unit F, Room 2	120 SF	Remove – Utilize: DOSH-Registered Abatement Contractor

Table A.2 below summarizes the materials identified and sampled to be **Asbestos Containing Construction Materials (ACCM)** (> 0.1%, but ≤1.0% asbestos) in the survey area, along with the locations of each material:

TABLE A.2

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[1]	RECOMMENDED MANAGEMENT ACTION
1234 20TH STREET				
None	N/A	N/A	N/A	N/A
1242 20TH STREET				
Exterior Stucco, Beige	ES1	Exterior	2,584 SF	Remove – Utilize: DOSH-Registered Abatement Contractor
Wall Plaster Finish Coat, White, Smooth	WPF1	1st Floor: Units D, E, F, G, Storage; 2nd Floor: Units A, B, C	21,900 SF	Remove – Utilize: DOSH-Registered Abatement Contractor

Table A.3 below summarizes the materials that were inaccessible and possibly present or were not sampled and are categorized as **Presumed Asbestos Containing Construction Materials (PACM)**:

TABLE A.3

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY[2]	RECOMMENDED MANAGEMENT ACTION
1234 20TH STREET				
None	N/A	N/A	N/A	N/A
1242 20TH STREET				
Transite Pipes, 6" OD	N/A	Exterior	27 LF	Sample Before Disturbance

Table A.4 below summarizes the materials that were reported by the laboratory to not contain detectable quantities of asbestos **None Detected or ND** or contained less than 0.1% asbestos by the Point Count procedure:

TABLE A.4

MATERIAL TYPE	HA NO.
1234 20th STREET	
Moisture Barrier Paper, Brown	MBP1
Miscellaneous Material, Beige, Deck Coating	MISC1
Roof Field Membrane, Black, Core	RFM1
Roof Shingles	RS1
Vinyl Sheet Flooring, Beige, Diamond Pattern	VSF1
Vinyl Sheet Flooring, White, Black Diamond Pattern	VSF3
Vinyl Sheet Flooring mastic, Yellow, a/w VSF1	VSFM1
Vinyl Sheet Flooring mastic, Yellow, a/w VSF2	VSFM2
Vinyl Sheet Flooring mastic, Yellow, a/w VSF3	VSFM3
Window Putty, White	WP1
Wall Plaster Brown Coat, a/w WPF1	WPB1
Wall Plaster Brown Coat, a/w WPF2	WPB2
Wall Plaster Finish Coat, White, Smooth Ceiling	WPF1
Wall Plaster Finish Coat, White, Sand Texture	WPF2
Exterior Stucco, Beige	ES1
5267 W. Adams Boulevard	
12"x12" Vinyl Floor Tile, Brown, Wood Pattern	12VFT1
Baseboard Mastic, Cream, 4"	FBM1
Floor Tile Mastic, Yellow, a/w 12VFT1	FTM1
Light Wright Concrete, Gray	LWC1
Moisture Barrier Paper, Brown	MBP1
Roof Shingles, Black	RS1

[2] All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

TABLE A.4

MATERIAL TYPE	HA NO.
Vinyl Sheet Flooring, Beige, 12"x12" Pattern	VSF2
Vinyl Sheet Flooring, Tan, 12"x12" Pattern	VSF3
Vinyl Sheet Flooring, Light Gray, a/w Beige	VSF4
Vinyl Sheet Flooring, Cream, 9"x9" Pattern	VSF5
Vinyl Sheet Flooring Mastic, Yellow, a/w VSF2	VSFM2
Vinyl Sheet Flooring Mastic, Yellow, a/w VSFM4	VSFM4
Vinyl Sheet Flooring Mastic, Yellow, a/w VSFM5	VSFM5
Wall Paper Adhesive, Yellow	WPA1
Wall Plaster Brown Coat, a/w WPF1	WPB1

Table A.5 below summarizes the materials that were **Not Analyzed**:

TABLE A.5

MATERIAL TYPE	HA NO.
NONE	N/A

The drawings with bulk sample locations can be found in Appendix **B**. A detailed summary of bulk samples collected may be found in Appendix **C**, Table 1.0 – *Bulk Sample Results.* Detailed information pertaining to the location of homogeneous asbestos-containing materials is presented in Appendix **D**, Table 2.0 – *Summary by Material*. LA Testing's bulk sample laboratory results may be found in Appendix **E**.

LEAD-CONTAINING MATERIALS

Lead Definitions

- **Lead Containing Paint (LCP)** - A lead-containing paint is a paint or coating that contains any detectable concentration of lead.
- **Lead Based Paint (LBP) -** The California Department of Public Health (CDPH) and the US Department of Housing and Urban Development (HUD) define Lead-Based Paint (LBP) as paint containing lead greater than or equal to 1.0 milligram per square centimeter (≥mg/cm2) or greater than or equal to 0.5% by weight also expressed as 5,000 parts per million (≥5,000 ppm). Furthermore, the Los Angeles County Department of Health and Human Services, Health & Safety Code, Chapter 11 defines lead-bearing substances as any paint, varnish, lacquer or similar coating containing lead >0.7 mg/cm^2. For the purposes of this report, XRF-SA readings ≥ 0.7 mg/cm^2 are considered LBP.
- **Lead Containing Material (LCM)** - A lead-containing material may consist of identified lead-containing paint (LCP), lead-based paint (LBP), or other materials such as lead sheeting, ceramic tile glazing, etc., or presumed LCMS.
- **Presumed Lead-Based Paint (PLBP)** - Title 17, California Code of Regulations, Division 1, Chapter 8 defines as paint or surface coating affixed to a component in or on a structure constructed prior to January 1, 1978 as a presumed lead-based paint unless it has been tested and found to contain an amount of lead less than one milligram per square centimeter 1.0 mg/cm^2 (<1.0 mg/cm^2) or less than 0.5% (< 0.5%) by weight.

A total of thirty-two (32) assays (tests) (excluding "Null" and "Calibration Readings"), using the XRF-SA, were conducted during the survey. Of the 32 assays collected, four (4) were found to contain LBP (i.e., ≥0.7 mg/cm^2).

XRF-SA results may be found in Appendix **F**, Table 3.0 – XRF-SA Results; Appendix **G**, Table 3.1 – Lead-Based Paint (LBP) XRF-SA results; and Appendix **H**, Table 3.2 – Lead-Containing Paint (LCP) results (i.e., ≥0.01 mg/cm^2 and <0.7 mg/cm^2).

Table B.1 below summarizes the materials identified and sampled to be **Lead-Based Paints (LBP)** (detectable quantities of lead in concentrations of ≥5,000 ppm or ≥0.7 mg/cm^2) in the survey area:

TABLE B.1

COMPONENT	SUBSTRATE	COLOR(S)	LOCATION(S)
1234 20th STREET			
Wall Tile	Ceramic	Yellow, Green	1st Floor: Unit A, Room 2; 2nd Floor: Unit B, Room 6
Sink	Porcelain	White	2nd Floor: Unit B, Room 4
1242 20th STREET			
Wall Tile	Ceramic	White	1st Floor: Restrooms in Units D, E, F, G; 2nd Floor: Restroom in Units A, B, C

See Appendix **G** – T able 3.1 for complete list of LBP materials.

See Appendix **H** – Table 3.2 for a summary of materials identified and sampled to be **Lead-Containing Paints (LCP)** (detectable quantities of lead in concentrations of <5,000 ppm, or ≥0.01 mg/cm^2 and <0.7 mg/cm^2).

4.0 CONCLUSIONS AND RECOMMENDATIONS

ASBESTOS

The results of the survey indicate that ACMs, ACCMs, and PACMs are present in the area(s) surveyed. Citadel's scope of work and testing of representative areas was limited to accessible building materials specifically identified as being impacted by the proposed work to be performed. Areas outside of the specific areas identified in this scope of work were not included as part of this investigation.

Destructive testing was performed where it was suspected that suspect ACMs were present. Additional suspect materials and/or debris may be present in concealed or hidden spaces including, but not limited to, above-ceiling areas, within wall cavities, and beneath floor coverings, but will only be accessible during the course of demolition activities. Care should be exercised when accessing these areas. If suspect ACM's and/or ACCMs are identified in these areas that have not been previously tested, these materials are required to be sampled prior to disturbance.

All asbestos removal operations shall be performed by a Cal/OSHA-DOSH-registered and California-licensed asbestos contractor. All disturbances of asbestos-containing materials, and/or abatement operations, should be performed under the surveillance of a third-party Cal/OSHA Certified Asbestos Consultant retained by the Client.

All disturbances of asbestos-containing materials, and/or abatement operations, must be performed in accordance with the Cal/OSHA requirements set forth in 8 CCR 1529. Given the location of the subject facility, all asbestos abatement must also be performed in accordance with South Coast Air Quality Management District (SCAQMD) requirements set forth in Rule 1403. Finally, notification of the presence and location of asbestos-containing materials shall be made to all employees and vendors who work within the subject structure, in accordance with California Health and Safety Code, Section 25915, et seq. (also known as Connolley Notification Bills).

Citadel recommends that all undamaged ACMs, ACCMs, and PACMs not to be disturbed as part of this project and scheduled to remain be managed in place in accordance with the EPA's guidance document Managing Asbestos In-Place (a.k.a., the Green Book). The Green Book can be obtained by calling the Toxic Substance Control Act Hotline at (202) 554-1404. Citadel also recommends that the materials be managed in place in accordance with the Client's Operations and Maintenance (O & M program) addressing building cleaning, maintenance, renovation, and general operation procedures to minimize exposure to asbestos.

LEAD-CONTAINING MATERIALS

Lead-Containing Materials/Lead-Based Paints (LCM/LBP)

This survey revealed that building components coated with LCM/LBP are present in areas within the survey areas.

At present there is no explicit state or federal regulations requiring mandatory lead removal prior to disturbance or demolition of structures with identified lead materials. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities and their associated wastes.

The following is a brief discussion and summary of applicable regulatory requirements:

- **Cal/OSHA:** 8 CCR 1532.1 governs occupational exposure to lead. This regulation requires that prior to initiation of certain activities, referred to as "trigger tasks", workers must be trained, medically evaluated, and properly fitted with respiratory protection, and protective clothing until statistically reliable personal eight-hour Time Weighted Average (TWA) results indicate lead exposure levels below the Personal Exposure Limit (PEL) for each unique task which disturbs lead-based and lead-containing coatings. This process is known as a Negative Exposure Assessment (NEA). If the result of the exposure assessment is above the Action Level (AL), additional monitoring is required, and if the result is above the PEL, additional exposure monitoring, worker protection (including respirator protection and PPE), training and medical requirements apply. At a minimum, contractors performing any lead in construction work shall have a hand washing station and HEPA vacuum present on the job site.
- "Trigger tasks" are tasks that are assumed to exceed the PEL pending an exposure assessment and encompass the majority of construction activities that disturb surface coatings. Examples of "trigger tasks" range from manual paint scraping as a lower expected exposure up to hot work and abrasive blasting as the highest expected exposures, and include any non-listed task that the employer determines may potentially expose employees to lead levels above the AL.

NOTE: "OSHA does not consider any method that relies solely on the analysis of bulk materials or surface content of lead (or other toxic material) to be acceptable for safely predicting employee exposure to airborne contaminates. Without air monitoring results or without the benefit of historical or objective data (including air sampling, which clearly demonstrates that the employee cannot be exposed above the AL during any process, operation, or activity) the analysis of bulk or surface samples cannot be used to determine employee exposure." OSHA Standard Interpretation dated 5/8/2000.

Furthermore, Cal/OSHA states that these rules apply to "any detectable concentration of lead", without a specified detection level. Due to the Consumer Product Safety Commission currently allowing paint to contain up to 600 parts per million (ppm) of lead for residential consumption and no limits for industrial or commercial coatings, the variation of lead content due to aging and weathering, and the variation of detection limits associated with both paint chip and XRF analysis, all coated surfaces should be treated as potentially containing lead, unless bulk sample analysis indicates that no lead was detected. Positive analytical results can be utilized to indicate that detectable lead is present, but negative XRF results cannot be interpreted as conclusively demonstrating the absence of lead.

Analytical data can be helpful in evaluation of lead-related environmental risks in general but cannot be used to calculate worker exposures and are not a substitute for employee exposure monitoring. As a result of the above, any employee that works around potential lead-based or lead-containing coatings should have hazard communication training (lead awareness) training and personal exposure air monitoring if they will potentially disturb such coatings. Significant additional certification, notification, and work practices are required for materials found to be "lead-based" or where the operation or process involved results in airborne lead exposures exceeding the PEL.

- Any welding, cutting, or heating of metal surfaces containing surface coatings should be conducted in accordance with 29 CFR 1926.354 and 8 CCR 1537. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application. There are some provisions for conducting hot work on coated surfaces, but only with required respiratory protection such as properly selected supplied air respirators.

- **Cal/EPA** through the Division of Toxic Substance Control (DTSC) regulates disposal of lead hazardous waste (22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes). It is the responsibility of the waste generator to evaluate all waste streams produced and ensure that any resulting wastes that may be hazardous under California and Federal RCRA standards for lead be properly handled, packaged and transported under proper manifest to a permitted hazardous waste storage, treatment and disposal facility.
- **CDPH**: The Department of Public Health (DPH) has specific requirements (Title 17 Sections 35001 thru 36100) for hazard assessment and work involving lead-based paint (LBP) hazards in public or residential structures. These regulations require special certifications, work practices, and notifications for such activities.
- **Senate Bill 460 (SB 460)**: An act to amend Section 1941.1 of the Civil Code, and to amend Sections 17961, 17980, and 124130 of, and to add Sections 17920.10, 105251, 105252, 105253, 105254, 105255, 105256, and 105257 to, the Health and Safety Code, relating to lead abatement. This bill allows for fines and criminal penalties to be levied on any person who is found to have performed lead abatement without containment or created a measurable lead hazard based upon current CDPH standards. The testing for this determination can be initiated by any local official. A determination of a lead hazard is not solely based upon the lead content of the paint or coating and can be the result of the disturbance of such materials with low concentrations of lead.
- **EPA Lead Renovation, Repair, and Paint Rule (40 CFR, Part 745):** Beginning in April 2010, contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination.

5.0 SURVEY LIMITATIONS

The survey and bulk sampling was limited to representative locations of the building(s) that were explicitly defined by the Clint to be surveyed. Intrusive and destructive sampling was conducted as part of the scope of services performed. Additional suspect materials and/or debris may be present in concealed or hidden spaces including, but not limited to, above-ceiling areas, within wall cavities, and beneath floor coverings, but will only be accessible during the course of demolition activities. Care should be exercised when accessing these areas. Any suspect environmentally-regulated materials (ERMs) encountered during the course of demolition/renovation activities that were not previously sampled, including ERMs not specifically addressed herein, should be *presumed* to be ACMs/ACCMs and LCMs until sampled and proven otherwise. The areas that were accessible should be representative of the types, quantities, and conditions of the materials present at the site. Quantities presented in this report are for informational purposes only and should not be the sole basis for an estimate for abatement. Contractors should verify and conduct their own takeoffs for their purposes.

This report has been prepared by Citadel Environmental Services, Inc. exclusively for our Client and their Authorized Representatives. The information contained herein pertains only to accessible materials identified at the referenced property at the time of the survey performed in accordance with a mutually agreed upon scope of work. The findings and recommendations presented are based upon observations of present conditions, and may not necessarily indicate future conditions. Citadel Environmental Services, Inc. implies no warranty to the accuracy of information provided them by outside agents and transmitted herein. The information contained herein may not be used, disclosed, or copied without written permission of the Client.

This survey report is not intended to be a stand-alone design document for the solicitation of bids. This survey report should only be used for developing the scope of work, bid/contract document, and as a reference document.

6.0 SIGNATURES

Services performed by:

[See field documentation for signatures]

Rigoberto Rodriguez
Field Representative
Certified Site Surveillance Technician (No. 07-4152)
CDPH Lead-Related Construction Inspector/Assessor (No. 26043)

[See field documentation for signatures]

James Berardino
Field Representative
Certified Site Surveillance Technician (No. 15-5502)
CDPH Lead-Related Construction Sampling Technician (No. 26529)

Report Prepared by:

Jack Samuels

Digitally signed by Jack Samuels
DN: cn=Jack Samuels, o, ou,
email=JSamuels@citadelenvironmental.com, c=US
Date: 2016.08.04 09:25:06 -07'00'

Jack Samuels
Senior Project Manager, Building Sciences
Certified California Asbestos Consultant (No. 92-0475)
CDPH Lead-Related Construction Project Monitor (No. 5380)

Report Reviewed by:

Nicolette Casarez

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Date: 2016.08.04 09:24:54 -07'00'

Nicolette Casarez
Project Coordinator, Building Sciences
Certified Site Surveillance Technician Cert #15-5585
Lead-Related Construction Sampling Technician Cert #26184

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix A
Project Team Certifications

State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician

James D Berardino

Name

Certification No. **15-5502**

Expires on **11/17/16**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type

Expiration Date

Sampling Technician **11/02/2016**

269255

James D. Berardino ID #: **26529**

State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician

Rigoberto Rodriguez

Name

Certification No. 07-4152

Expires on 02/22/17

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type

Expiration Date

Inspector/Assessor **12/06/2016**

Rigoberto Rodriguez ID #: **26043**

STATE OF CALIFORNIA
Edmund G. Brown, Jr. *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417
(916) 574-2993 Office (916) 483-0572 Fax
http://www.dir.ca.gov/dirdatabases.html actu@dir.ca.gov

207200475C **35**

December 18, 2015

Jack Simmons Samuels
280 Molino Avenue, 303
Long Beach , CA 90803

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address, fax number or email; of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached (Revised 10/24/2012)

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	03/11/2017
Supervisor	03/11/2017
Project Monitor	03/11/2017

Jack S. Samuels

ID #: 5380

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Nicolette D Casarez
Name

Certification No. 15-5585

Expires on 03/15/17

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type: Sampling Technician

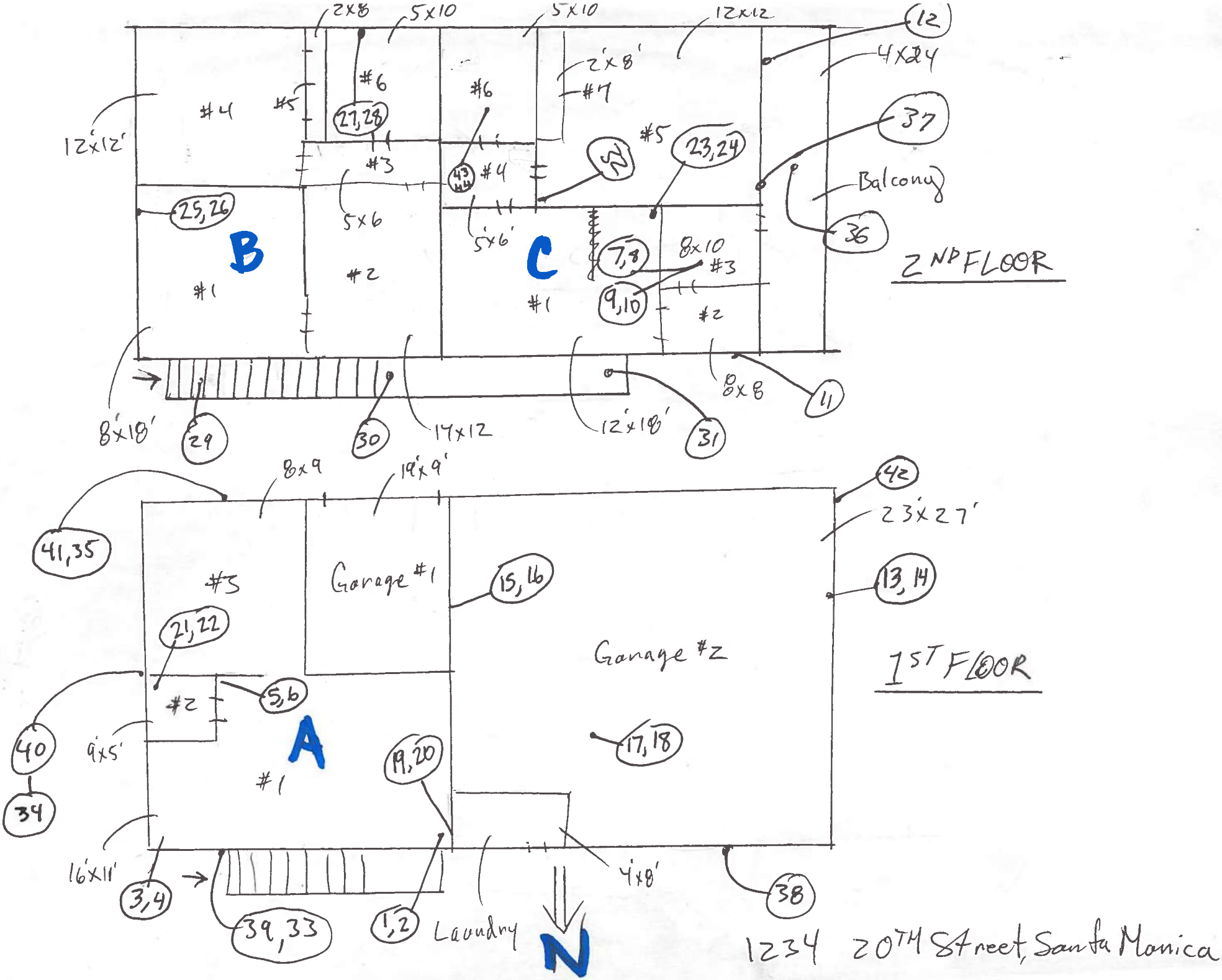
Expiration Date: 12/20/2016

Nicolette D. Casarez

ID #: 26184

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix B
Drawings with Bulk Sample Locations

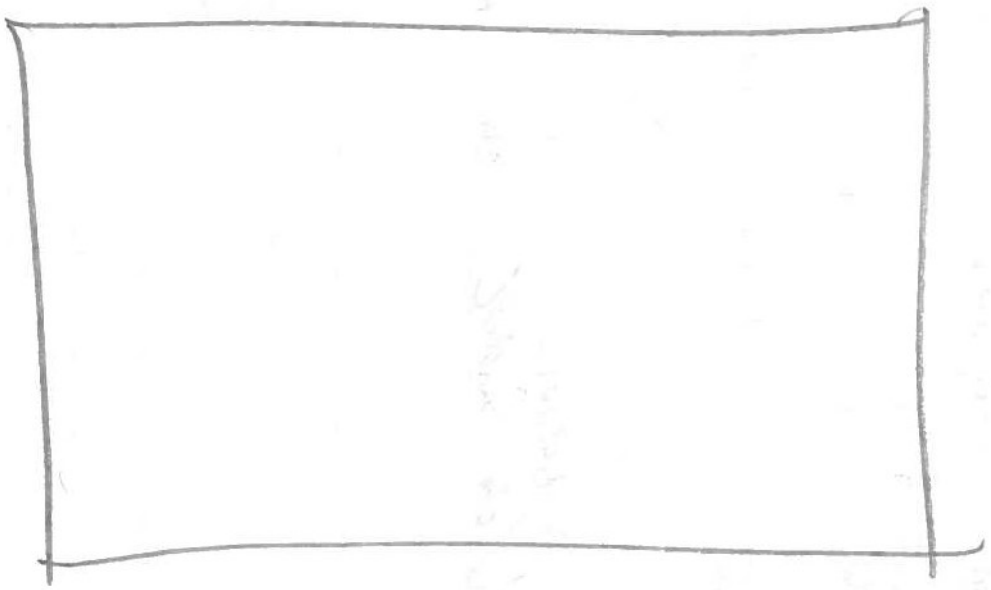


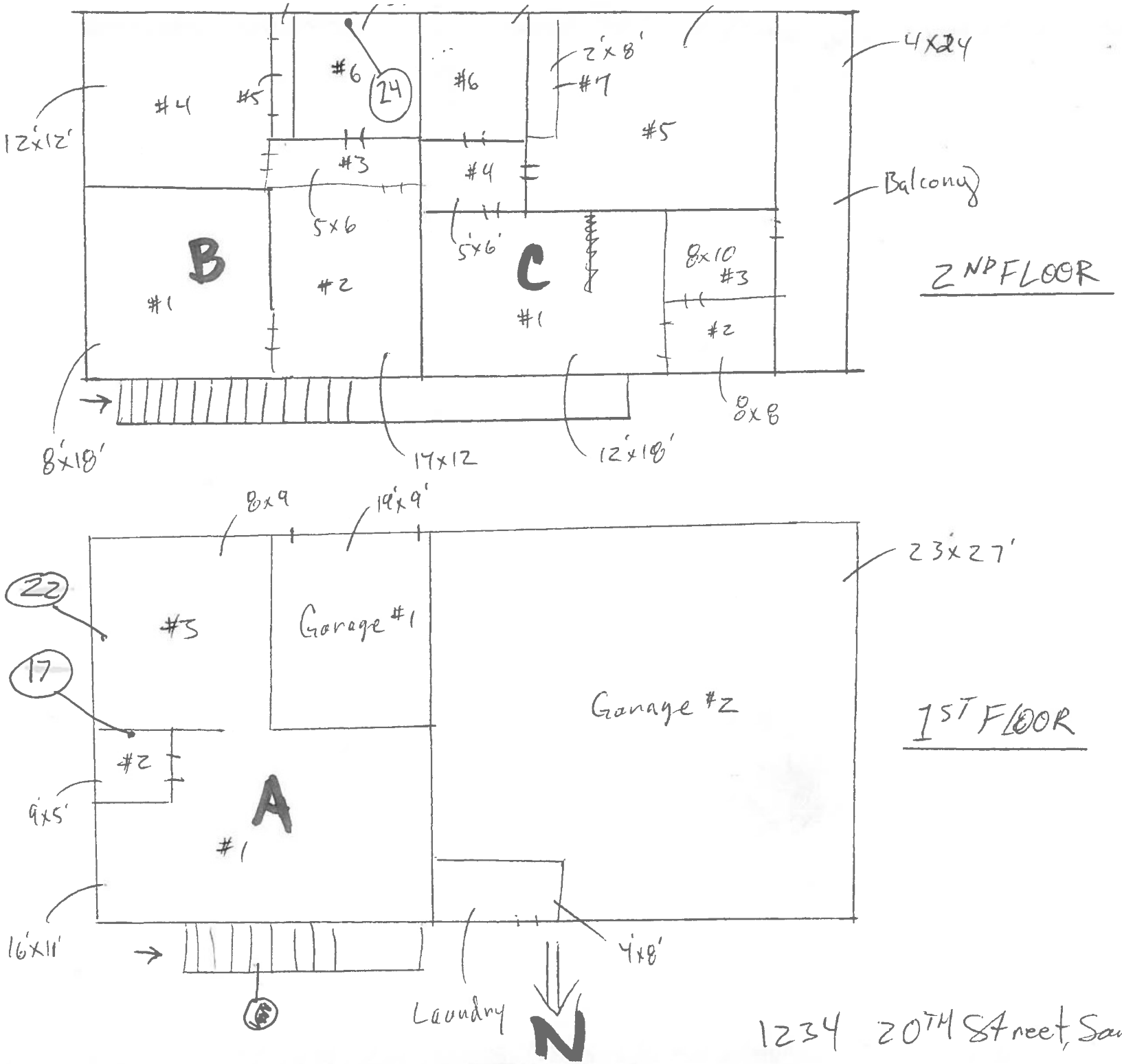
1234 20TH Street, Santa Monica

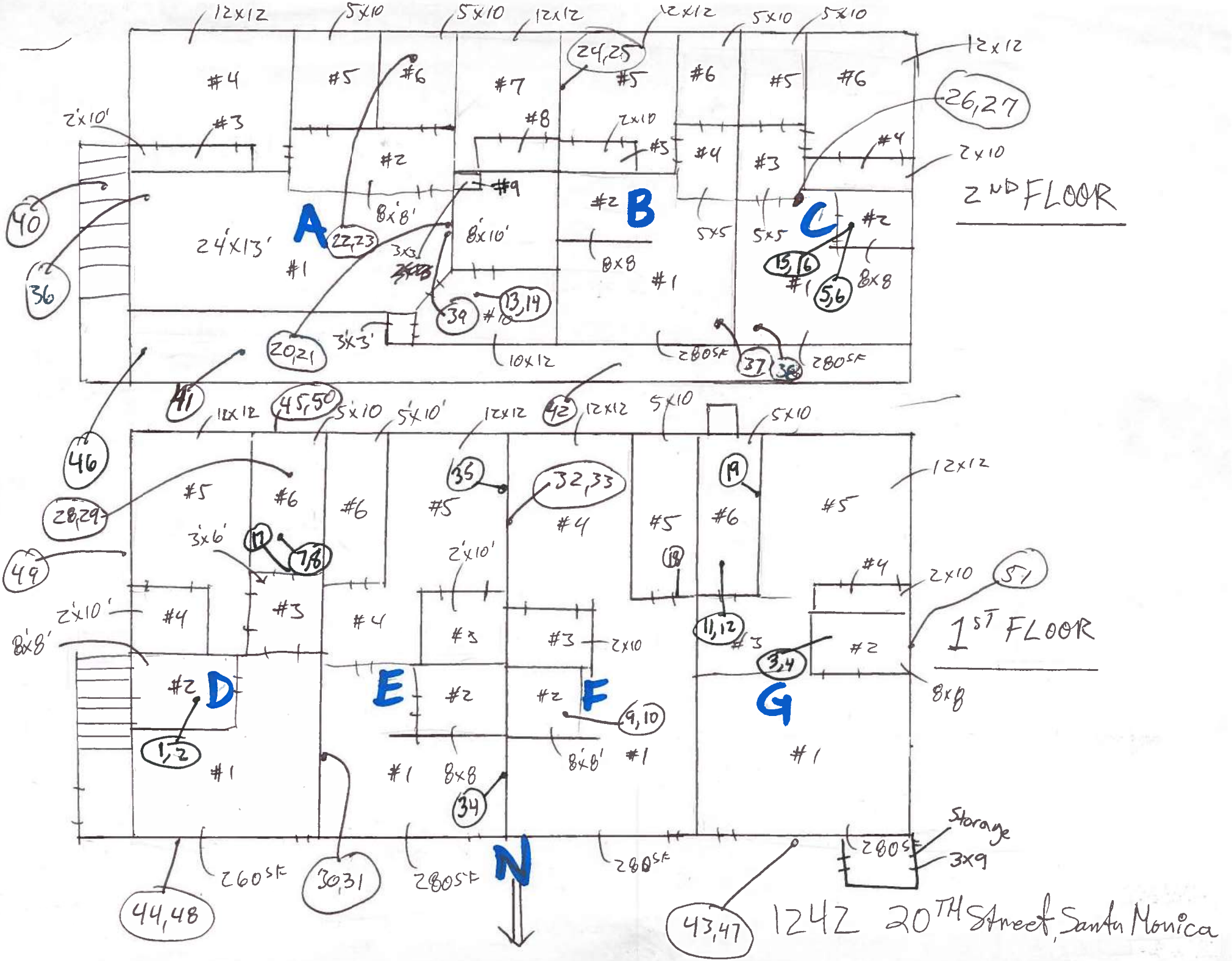
3 Unit

Ext. + Roof

1234 20th



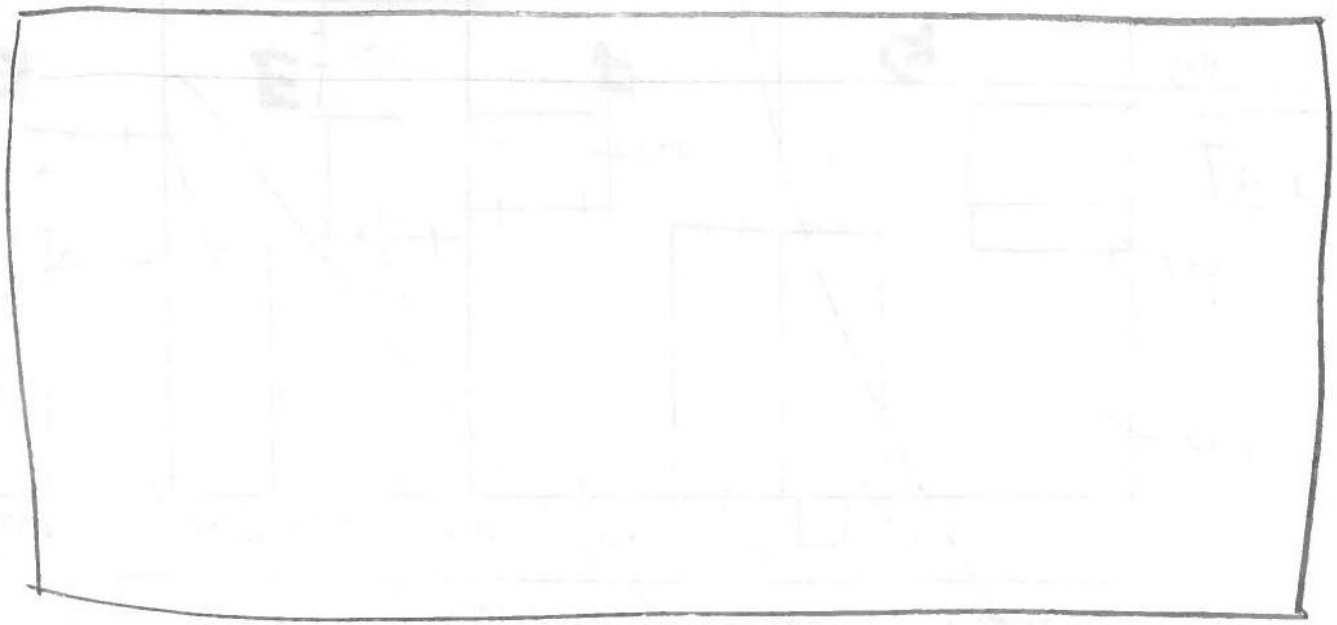

#4
#5
#6
24
#6
2'x8'
#7
#5
4x24
12'x12'
#3
#4
Balcony
5x6
5'x6'
B
#1
#2
C
#1
8x10
#3
#2
2ND FLOOR
8x8
8'x18'
17x12
12'x18'
8x9
19'x9'
23'x27'
22
#5
Garage #1
17
Garage #2
#2
9'x5'
A
#1
16'x11'
4'x8'
Laundry
N
1ST FLOOR
1234 20TH Street, Santa Monica


2ND FLOOR
1ST FLOOR
A
B
C
D
E
F
G
N
12x12
5x10
5x10
12x12
12x12
5x10
5x10
12x12
#4
#5
#6
#7
#5
#6
#5
#6
#3
#2
#8
#9
#2
#4
#3
#4
#2
#1
#1
#1
#1
24,25
26,27
2'x10'
2x10
2x10
40
36
24'x13'
8'x8'
8'x10'
3x3
8x8
5x5
5x5
8x8
22,23
20,21
39
13,14
10x12
3'x3'
280SF
280SF
37
38
15,16
5,6
41
46
45,50
42
12x12
5x10
5'x10'
12x12
12x12
5x10
5x10
12x12
28,29
49
35
32,33
19
#5
#6
#6
#5
#4
#5
#6
#5
3'x6'
17
7,8
2'x10'
18
#4
2x10
51
2'x10'
8'x8'
#4
#3
#4
#3
#3
2x10
11,12
#3
3,4
#2
#2
#2
#2
#2
8x8
1,2
9,10
#1
#1
8x8
8'x8'
#1
#1
34
Storage
280SF
3x9
260SF
30,31
280SF
280SF
44,48
43,47
1242 20TH Street, Santa Monica

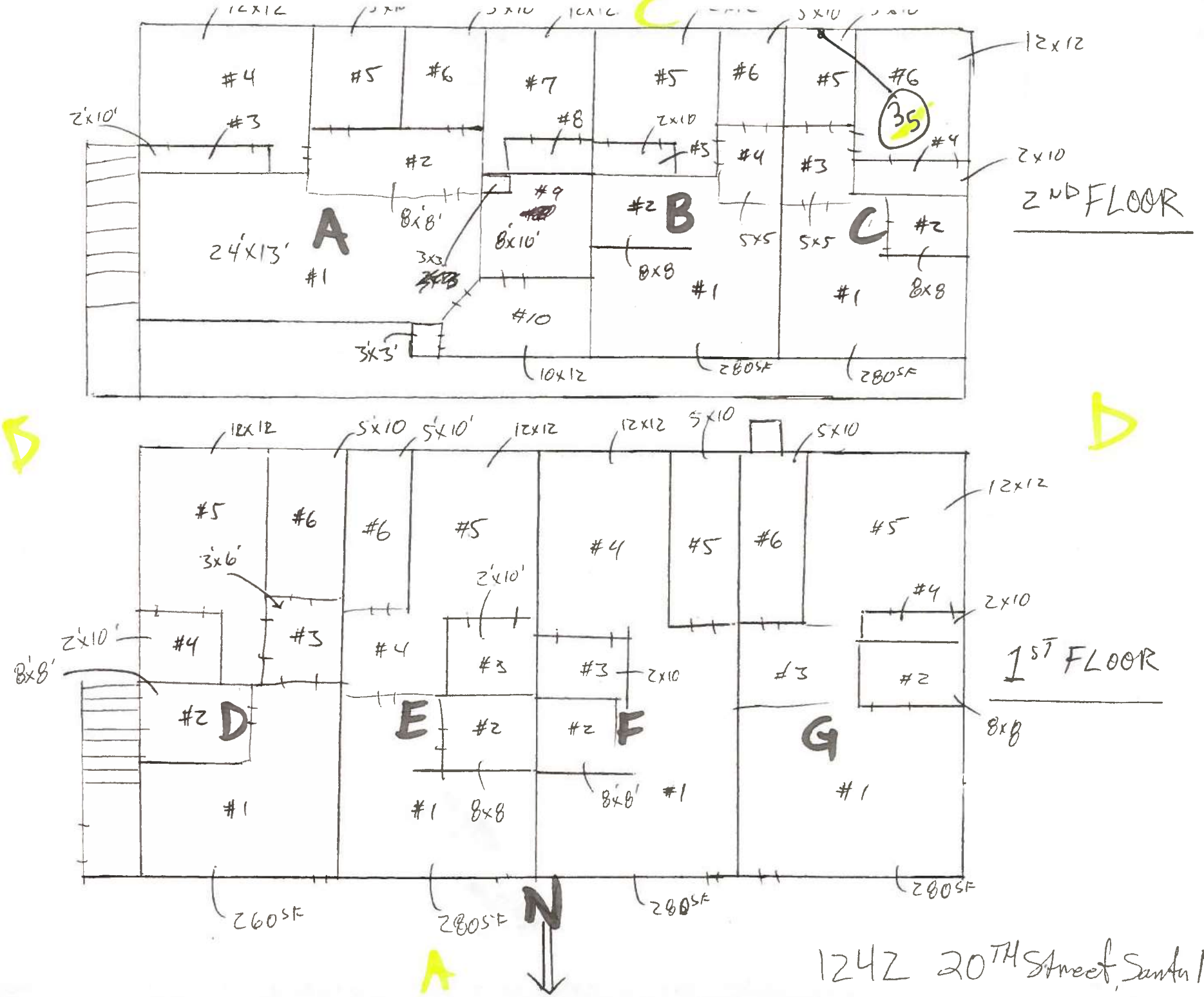
7 unit

Ext. + Roof

0 1242



- Ext. Stucco
- Transite Pipe Qty ——
- MBP
- Deck Coating
- Shingles


2ND FLOOR
1ST FLOOR
A
B
C
D
E
F
G
N
24'X13'
8X8'
8X10'
3X3'
10X12
280SF
260SF
12X12
5X10
2X10
3X6'
8X8
35
1242 20TH Street, Santa Monica

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix C
Table 1.0 - Bulk Sample Results

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location				Asbestos Content - Percent:								Non-ACM - Percent:	Not Analyzed	Comments
001	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
002	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
003	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
004	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
005	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
006	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
007	VSF1	Vinyl Sheet Flooring	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Beige	diamond pattern				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
008	VSFM1	Vinyl Sheet Flooring Mastic	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Yellow	a/w VSF1				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
009	VSF2	Vinyl Sheet Flooring	Floor	2	Rm	1234 20th St	Chrysotile	20.0%	Amosite	0.0%		Anthophyllite	Other		80.0%	☐	
	Yellow	under VSF1				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
010	VSFM2	Vinyl Sheet Flooring Mastic	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Yellow	a/w VSF2				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
011	WP1	Window Putty	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	window putty				NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
012	WP2	Window Putty	Floor	2	Rm	1234 20th St	Chrysotile	4.0%	Amosite	0.0%		Anthophyllite	Other		96.0%	☐	
	Gray	window putty				SW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
013	WPF2	Wall Plaster Finish Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	sand texture				Garage #2, S	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
014	WPB2	Wall Plaster Brown Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Brown	a/w WPF2				Garage #2, S	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
015	WPF2	Wall Plaster Finish Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	sand texture				Garage #2, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location			Asbestos Content - Percent:						Non-ACM - Percent:	Not Analyzed	Comments
016	WPB2	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF2			Garage #2, SE	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
017	WPF2	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	sand texture			Garage #2, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
018	WPB2	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF2			Garage #2, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
019	WPF1	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
020	WPB1	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
021	WPF1	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
022	WPB1	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
023	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
024	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
025	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
026	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
027	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
028	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
029	MISC1	Miscellaneous Material	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige	deck coating			Steps, NE	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
030	MISC1	Miscellaneous Material	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige	deck coating			Landing, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location				Asbestos Content - Percent:						Non-ACM - Percent:	Not Analyzed	Comments
031	MISC1	Miscellaneous Material	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige	deck coating				Landing, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
032	TP1	Transite Pipe	Floor	2	Rm	1234 20th St	Chrysotile	15.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Gray	6" OD				Unit C, Attic,	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		85.0%		
033	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
034	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
035	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
036	RFM1	Roof Field Membrane	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Black	core				Balcony, Cent	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
037	RS1	Shingles	Floor	Roof	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Black					Roof, West	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
038-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
038-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
039-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, NE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
039-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, NE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
040-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, E	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
040-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, E	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
041-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
041-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location			Asbestos Content - Percent:						Non-ACM - Percent:	Not Analyzed	Comments
042	ES1	Exterior Stucco	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige				Exterior, SW	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
043	VSF3	Vinyl Sheet Flooring	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	black diamond pattern			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
044	VSFM3	Vinyl Sheet Flooring Mastic	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Yellow	a/w VSF3			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		

Grand Total *48*

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0-B
1925 Arizona Apartment Buildings Survey
1242 20th Street, Santa Monica, CA
Updated 7/26/2016

Consultant Sample No	Material Description	Area/Location	Asbestos Content - Percent:	Non-ACM - Percent:	Not Analyzed	Comments
001	VSF1 Vinyl Sheet Flooring Gold gold & white	Floor 1 Rm 1242 20th St Unit D, Room	Chrysotile **20.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **80.0%**	☐	
002	VSFM1 Vinyl Sheet Flooring Mastic Yellow a/w VSF1	Floor 1 Rm 1242 20th St Unit D, Room	Chrysotile **5.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **95.0%**	☐	
003	VSF1 Vinyl Sheet Flooring Gold gold & white	Floor 1 Rm 1242 20th St Unit G, Room	Chrysotile **20.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **80.0%**	☐	
004	VSFM1 Vinyl Sheet Flooring Mastic Yellow a/w VSF1	Floor 1 Rm 1242 20th St Unit G, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
005	VSF1 Vinyl Sheet Flooring Gold gold & white	Floor 2 Rm 1242 20th St Unit C, Room	Chrysotile **20.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **80.0%**	☐	
006	VSFM1 Vinyl Sheet Flooring Mastic Yellow a/w VSF1	Floor 2 Rm 1242 20th St Unit C, Room	Chrysotile **1.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **99.0%**	☐	<1% Chrysotile
007	VSF2 Vinyl Sheet Flooring Beige 12x12 pattern	Floor 1 Rm 1242 20th St Unit D, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
008	VSFM2 Vinyl Sheet Flooring Mastic Yellow a/w VSF2	Floor 1 Rm 1242 20th St Unit D, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
009	VSF3 Vinyl Sheet Flooring Tan 12x12 pattern	Floor 1 Rm 1242 20th St Unit F, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
010	VSFM3 Vinyl Sheet Flooring Mastic Yellow a/w VSF3	Floor 1 Rm 1242 20th St Unit F, Room	Chrysotile **5.0%** Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **95.0%**	☐	
011	VSF4 Vinyl Sheet Flooring Light Gray a/w beige	Floor 1 Rm 1242 20th St Unit G, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
012	VSFM4 Vinyl Sheet Flooring Mastic Yellow a/w VSF4	Floor 1 Rm 1242 20th St Unit G, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
013	12VFT1 12x12 Vinyl Floor Tile Brown wood pattern	Floor 2 Rm 1242 20th St Unit A, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
014	FTM1 Floor Tile Mastic Yellow a/w 12VFT1	Floor 2 Rm 1242 20th St Unit A, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	
015	VSF5 Vinyl Sheet Flooring Cream 9x9 pattern	Floor 2 Rm 1242 20th St Unit C, Room	Chrysotile 0.0% Amosite 0.0% Anthophyllite Crocidolite 0.0% Tremolite/Actinolite 0.0% 0.0%	Other **100.0%**	☐	

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Consultant Sample No	Material Description	Area/Location	Asbestos Content - Percent:	Non-ACM - Percent:	Not Analyzed	Comments
016	VSFM5 Vinyl Sheet Flooring Mastic Yellow a/w VSF5	**Floor** 2 **Rm** 1242 20th St Unit C, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
017	FBM1 Baseboard Mastic Cream baseboard mastic 4"	**Floor** 1 **Rm** 1242 20th St Unit D, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
018	FBM1 Baseboard Mastic Cream baseboard mastic 4"	**Floor** 1 **Rm** 1242 20th St Unit F, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
019	FBM1 Baseboard Mastic Cream baseboard mastic 4"	**Floor** 1 **Rm** 1242 20th St Unit G, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
020	WPF1 Wall Plaster Finish Coat White smooth ceiling	**Floor** 2 **Rm** 1242 20th St Unit A, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	0.10% Chrysotile PCV
021	WPB1 Wall Plaster Brown Coat Brown a/w WPF1	**Floor** 2 **Rm** 1242 20th St Unit A, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
022	WPF1 Wall Plaster Finish Coat White smooth ceiling	**Floor** 2 **Rm** 1242 20th St Unit A, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	<0.1% Chrysotile PCV
023	WPB1 Wall Plaster Brown Coat Brown a/w WPF1	**Floor** 2 **Rm** 1242 20th St Unit A, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
024	WPF1 Wall Plaster Finish Coat White smooth ceiling	**Floor** 2 **Rm** 1242 20th St Unit E, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	0.10% Chrysotile PCV
025	WPB1 Wall Plaster Brown Coat Brown a/w WPF1	**Floor** 2 **Rm** 1242 20th St Unit E, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
026	WPF1 Wall Plaster Finish Coat White smooth ceiling	**Floor** 2 **Rm** 1242 20th St Unit C, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	<0.1% Chrysotile PCV
027	WPB1 Wall Plaster Brown Coat Brown a/w WPF1	**Floor** 2 **Rm** 1242 20th St Unit C, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
028	WPF1 Wall Plaster Finish Coat White smooth ceiling	**Floor** 1 **Rm** 1242 20th St Unit D, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	<0.1% Chrysotile PCV
029	WPB1 Wall Plaster Brown Coat Brown a/w WPF1	**Floor** 1 **Rm** 1242 20th St Unit D, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	
030	WPF1 Wall Plaster Finish Coat White smooth	**Floor** 1 **Rm** 1242 20th St Unit E, Room	**Chrysotile** 0.0% **Amosite** 0.0% **Anthophyllite** **Crocidolite** 0.0% **Tremolite/Actinolite** 0.0% 0.0%	**Other** **100.0%**	☐	<0.1% Chrysotile PCV

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031	WPB1 Brown	Wall Plaster Brown Coat a/w WPF1	**Floor** 1	**Rm**	1242 20th St Unit E, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
032	WPF1 White	Wall Plaster Finish Coat smooth	**Floor** 1	**Rm**	1242 20th St Unit F, Room	**Chrysotile**	**0.2%**	**Amosite**	0.0%	**Anthophyllite**	**Other**	**99.8%**	☐	0.20% Chrysotile PCV	
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
033	WPB1 Brown	Wall Plaster Brown Coat a/w WPF1	**Floor** 1	**Rm**	1242 20th St Unit F, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
034	WPA1 Yellow	Wall Paper Adhesive	**Floor** 1	**Rm**	1242 20th St Unit E, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
035	WPA1 Yellow	Wall Paper Adhesive	**Floor** 1	**Rm**	1242 20th St Unit E, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
036	LWC1 Gray	Light Weight Concrete	**Floor** 2	**Rm**	1242 20th St Unit A, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
037	LWC1 Gray	Light Weight Concrete	**Floor** 2	**Rm**	1242 20th St Unit B, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
038	LWC1 Gray	Light Weight Concrete	**Floor** 2	**Rm**	1242 20th St Unit C, Room	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
039	MM1 Black	Mirror Mastic	**Floor** 2	**Rm**	1242 20th St Unit A, Room	**Chrysotile**	**7.0%**	**Amosite**	0.0%	**Anthophyllite**	**Other**	**93.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
040	MISC1 Beige	Miscellaneous Material deck coating	**Floor** 2	**Rm**	1242 20th St Ext, Steps, E	**Chrysotile**	**2.0%**	**Amosite**	0.0%	**Anthophyllite**	**Other**	**98.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
041	MISC1 Beige	Miscellaneous Material deck coating	**Floor** 2	**Rm**	1242 20th St Landing, NE	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
042	MISC1 Beige	Miscellaneous Material deck coating	**Floor** 2	**Rm**	1242 20th St Landing, W	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
043	MBP1 Brown	Moisture Barrier Paper	**Floor** Ext	**Rm**	1242 20th St Behind Stucco	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
044	MBP1 Brown	Moisture Barrier Paper	**Floor** Ext	**Rm**	1242 20th St Behind Stucco	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					
045	MBP1 Brown	Moisture Barrier Paper	**Floor** Ext	**Rm**	1242 20th St Behind Stucco	**Chrysotile**	0.0%	**Amosite**	0.0%	**Anthophyllite**	**Other**	**100.0%**	☐		
						Crocidolite	0.0%	**Tremolite/Actinolite**	0.0%	0.0%					

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046	RS1 Shingles Black	Floor Roof Rm 1242 20th St NE	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
047	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St NW	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
048-Bas	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St NE	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
048-Fini	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St NE	Chrysotile 0.2% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 99.8%	☐	0.20% Chrysotile PCV
049-Bas	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St E	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
049-Fini	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St E	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	0.10% Chrysotile PCV
050-Bas	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St SE	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
050-Fini	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St SE	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	<0.1% Chrysotile PCV
051-Bas	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St W	Chrysotile 0.0% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 100.0%	☐	
051-Fini	ES1 Exterior Stucco Beige	Floor Ext Rm 1242 20th St W	Chrysotile 0.2% Amosite 0.0% Anthophyllite 0.0% Crocidolite 0.0% Tremolite/Actinolite 0.0%	Other 99.8%	☐	0.20% Chrysotile PCV

Grand Total 55

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Appendix D
Table 2.0 - Summary by Material

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TABLE 1.0
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001	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
002	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
003	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
004	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
005	9VFT1	9x9 Vinyl Floor Tile	Floor	1	Rm	1234 20th St	Chrysotile	2.0%	Amosite	0.0%		Anthophyllite	Other		98.0%	☐	
	Beige					Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
006	FTM1	Floor Tile Mastic	Floor	1	Rm	1234 20th St	Chrysotile	8.0%	Amosite	0.0%		Anthophyllite	Other		92.0%	☐	
	Yellow	a/w 9VFT1				Unit A, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
007	VSF1	Vinyl Sheet Flooring	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Beige	diamond pattern				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
008	VSFM1	Vinyl Sheet Flooring Mastic	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Yellow	a/w VSF1				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
009	VSF2	Vinyl Sheet Flooring	Floor	2	Rm	1234 20th St	Chrysotile	20.0%	Amosite	0.0%		Anthophyllite	Other		80.0%	☐	
	Yellow	under VSF1				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
010	VSFM2	Vinyl Sheet Flooring Mastic	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Yellow	a/w VSF2				Unit C, Room	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
011	WP1	Window Putty	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	window putty				NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
012	WP2	Window Putty	Floor	2	Rm	1234 20th St	Chrysotile	4.0%	Amosite	0.0%		Anthophyllite	Other		96.0%	☐	
	Gray	window putty				SW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
013	WPF2	Wall Plaster Finish Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	sand texture				Garage #2, S	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
014	WPB2	Wall Plaster Brown Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	Brown	a/w WPF2				Garage #2, S	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						
015	WPF2	Wall Plaster Finish Coat	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other		100.0%	☐	
	White	sand texture				Garage #2, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%						

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016	WPB2	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF2			Garage #2, SE	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
017	WPF2	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	sand texture			Garage #2, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
018	WPB2	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF2			Garage #2, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
019	WPF1	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
020	WPB1	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
021	WPF1	Wall Plaster Finish Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
022	WPB1	Wall Plaster Brown Coat	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit A, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
023	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
024	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
025	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
026	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
027	WPF1	Wall Plaster Finish Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	smooth ceiling			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
028	WPB1	Wall Plaster Brown Coat	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Brown	a/w WPF1			Unit B, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
029	MISC1	Miscellaneous Material	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige	deck coating			Steps, NE	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
030	MISC1	Miscellaneous Material	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige	deck coating			Landing, N	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location				Asbestos Content - Percent:						Non-ACM - Percent:	Not Analyzed	Comments
031	MISC1	Miscellaneous Material	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige	deck coating				Landing, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
032	TP1	Transite Pipe	Floor	2	Rm	1234 20th St	Chrysotile	15.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Gray	6" OD				Unit C, Attic,	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		85.0%		
033	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
034	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
035	MBP1	Moisture Barrier Paper	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Brown					Exterior Behin	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
036	RFM1	Roof Field Membrane	Floor	2	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Black	core				Balcony, Cent	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
037	RS1	Shingles	Floor	Roof	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Black					Roof, West	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
038-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
038-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, NW	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
039-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, NE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
039-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, NE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
040-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, E	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
040-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, E	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
041-Coa	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	<0.1% Chrysotile PCV
	Beige					Exterior, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		
041-Stu	ES1	Exterior Stucco	Floor	1	Rm	1234 20th St	Chrysotile	0.0%	Amosite	0.0%		Anthophyllite	Other	☐	
	Beige					Exterior, SE	Crocidolite	0.0%	Tremolite/Actinolite	0.0%	0.0%		100.0%		

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 1.0
BULK SAMPLE RESULTS
Project Number: 0765.1059.0
1925 Arizona Apartment Buildings Survey
1234 20th Street, Santa Monica Boulevard, CA
Updated 7/26/2016

Consultant Sample No	Material Description		Area/Location			Asbestos Content - Percent:						Non-ACM - Percent:	Not Analyzed	Comments
042	ES1	Exterior Stucco	**Floor** 1	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Beige				Exterior, SW	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
043	VSF3	Vinyl Sheet Flooring	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	White	black diamond pattern			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		
044	VSFM3	Vinyl Sheet Flooring Mastic	**Floor** 2	**Rm**	1234 20th St	**Chrysotile**	0.0%	**Amosite**	0.0%		**Anthophyllite**	**Other**	☐	
	Yellow	a/w VSF3			Unit C, Room	**Crocidolite**	0.0%	**Tremolite/Actinolite**	0.0%	0.0%		**100.0%**		

Grand Total *48*

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 2.0
SUMMARY BY MATERIAL
Project Number 0765.1059.0-B
1925 Arizona Apartment Buildings Survey
1242 20th Street, Santa Monica, CA
Updated 7/26/2016

Homogeneous Materials	Material Description	Original Location			Sample Results:		Not Analyzed	100% Abated	Comments
		Floor	Room	Area	Positive	Negative			
12VFT1	12x12 Vinyl Floor Tile, Brown, wood pattern	2	1242 20th St	Unit A, Room 1, NW	0	013	☐	No	
ES1	Exterior Stucco, Beige	Ext	1242 20th St	E	0	049-Base Coat	☐	No	
		Ext			0	049-Finish Cost	☐		0.10% Chrysotile PCV
		Ext		NE	0	048-Base Coat	☐		
		Ext			048-Finish Coat	0	☐		0.20% Chrysotile PCV
		Ext		NW	0	047	☐		
		Ext		SE	0	050-Base Coat	☐		
		Ext			0	050-Finish Coat	☐		<0.1% Chrysotile PCV
		Ext		W	0	051-Base Coat	☐		
		Ext			051-Finish Coat	0	☐		0.20% Chrysotile PCV
FBM1	Baseboard Mastic, Cream, baseboard mastic 4"	1	1242 20th St	Unit D, Room 6, N	0	017	☐	No	
		1		Unit F, Room 6, N	0	018	☐		
		1		Unit G, Room 6, W	0	019	☐		
FTM1	Floor Tile Mastic, Yellow, a/w 12VFT1	2	1242 20th St	Unit A, Room 1, NW	0	014	☐	No	
LWC1	Light Weight Concrete, Gray	2	1242 20th St	Unit A, Room 1, E	0	036	☐	No	
		2		Unit B, Room 1, NW	0	037	☐		
		2		Unit C, Room 1, NE	0	038	☐		
MBP1	Moisture Barrier Paper, Brown	Ext	1242 20th St	Behind Stucco, NE	0	044	☐	No	
		Ext		Behind Stucco, NW	0	043	☐		
		Ext		Behind Stucco, SE	0	045	☐		
MISC1	Miscellaneous Material, Beige, deck coating	2	1242 20th St	Ext, Steps, E	040	0	☐	No	
		2		Landing, NE	0	041	☐		
		2		Landing, W	0	042	☐		
MM1	Mirror Mastic, Black	2	1242 20th St	Unit A, Room 1, W	039	0	☐	No	
RS1	Shingles, Black	Roof	1242 20th St	NE	0	046	☐	No	

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 2.0
SUMMARY BY MATERIAL
Project Number 0765.1059.0-B
1925 Arizona Apartment Buildings Survey
1242 20th Street, Santa Monica, CA
Updated 7/26/2016

Homogeneous Materials	Material Description	Original Location			Sample Results:		Not Analyzed	100% Abated	Comments
		Floor	Room	Area	Positive	Negative			
VSF1	Vinyl Sheet Flooring, Gold, gold & white	1	1242 20th St	Unit D, Room 2, Center	001	0	☐	No	
		1		Unit G, Room 2, E	003	0	☐		
		2		Unit C, Room 2, E	005	0	☐		
VSF2	Vinyl Sheet Flooring, Beige, 12x12 pattern	1	1242 20th St	Unit D, Room 6, N	0	007	☐	No	
VSF3	Vinyl Sheet Flooring, Tan, 12x12 pattern	1	1242 20th St	Unit F, Room 2, Center	0	009	☐	No	
VSF4	Vinyl Sheet Flooring, Light Gray, a/w beige	1	1242 20th St	Unit G, Room 6, N	0	011	☐	No	
VSF5	Vinyl Sheet Flooring, Cream, 9x9 pattern	2	1242 20th St	Unit C, Room 2, E	0	015	☐	No	
VSFM1	Vinyl Sheet Flooring Mastic, Yellow, a/w VSF1	1	1242 20th St	Unit D, Room 2, Center	002	0	☐	No	
		1		Unit G, Room 2, E	0	004	☐		
		2		Unit C, Room 2, E	006	0	☐		<1% Chrysotile
VSFM2	Vinyl Sheet Flooring Mastic, Yellow, a/w VSF2	1	1242 20th St	Unit D, Room 6, N	0	008	☐	No	
VSFM3	Vinyl Sheet Flooring Mastic, Yellow, a/w VSF3	1	1242 20th St	Unit F, Room 2, Center	010	0	☐	No	
VSFM4	Vinyl Sheet Flooring Mastic, Yellow, a/w VSF4	1	1242 20th St	Unit G, Room 6, N	0	012	☐	No	
VSFM5	Vinyl Sheet Flooring Mastic, Yellow, a/w VSF5	2	1242 20th St	Unit C, Room 2, E	0	016	☐	No	
WPA1	Wall Paper Adhesive, Yellow	1	1242 20th St	Unit E, Room 1, W	0	034	☐	No	
		1		Unit E, Room 5, W	0	035	☐		
WPB1	Wall Plaster Brown Coat, Brown, a/w WPF1	1	1242 20th St	Unit D, Room 6, Center	0	029	☐	No	
		1		Unit E, Room 1, E	0	031	☐		
		1		Unit F, Room 4, E	0	033	☐		
		2		Unit A, Room 1, W	0	021	☐		

CITADEL ENVIRONMENTAL SERVICES, INC.

TABLE 2.0
SUMMARY BY MATERIAL
Project Number 0765.1059.0-B
1925 Arizona Apartment Buildings Survey
1242 20th Street, Santa Monica, CA
Updated 7/26/2016

Homogeneous Materials	Material Description	Original Location			Sample Results:		Not Analyzed	100% Abated	Comments
		Floor	Room	Area	Positive	Negative			
WPB1	Wall Plaster Brown Coat, Brown, a/w WPF1	2	1242 20th St	Unit A, Room 6, Center	0	023	☐	No	
		2		Unit C, Room 1, S	0	027	☐		
		2		Unit E, Room 5, E	0	025	☐		
WPF1	Wall Plaster Finish Coat, White, smooth	1	1242 20th St	Unit E, Room 1, E	0	030	☐	No	<0.1% Chrysotile PCV
		1		Unit F, Room 4, E	032	0	☐		0.20% Chrysotile PCV
	Wall Plaster Finish Coat, White, smooth ceiling	1		Unit D, Room 6, Center	0	028	☐		<0.1% Chrysotile PCV
		2		Unit A, Room 1, W	0	020	☐		0.10% Chrysotile PCV
		2		Unit A, Room 6, Center	0	022	☐		<0.1% Chrysotile PCV
		2		Unit C, Room 1, S	0	026	☐		<0.1% Chrysotile PCV
		2		Unit E, Room 5, E	0	024	☐		0.10% Chrysotile PCV

CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix E
Asbestos Laboratory Results

EMSL Analytical, Inc.
3317 3rd Ave S, Suite D 2nd floor, Seattle, WA 98134
Phone/Fax: 2062696310 / (206) 900-8789
http://www.emsl.com seattlelab@emsl.com

EMSL Order:	511601003
CustomerID:	32CITA50
CustomerPO:	
ProjectID:	

Attn: **Jack Samuels**
Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale, CA 91201

Phone:	(818) 246-2707
Fax:	
Received:	07/22/16 1:40 PM
Analysis Date:	8/1/2016
Collected:	

Project: **1925 Arizona Apartment Buildings Survey, 0765.1059.0**

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
38-Coating *511601003-0038*	Beige Stucco - 1234 Ext., NW	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**
39-Coating *511601003-0039*	Beige Stucco - 1234 Ext., NE	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**
40-Coating *511601003-0040*	Beige Stucco - 1234 Ext, E	Tan Non-Fibrous Homogeneous	HA: ES1	99.90% Non-fibrous (other)	**0.10% Chrysotile**
41-Coating *511601003-0041*	Beige Stucco - 1234 Ext., SE	Tan Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**

Analyst(s)

Rudy Baum (1)
Rebecca Ferrell (3)

Michelle J. Grubb

or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. Seattle, WA

Report Amended: 08/01/2016 14:15:19 Replaces the Inital Report 07/27/2016 12:21:27. Reason Code: Client-Test Added

EMSL Analytical, Inc.
3317 3rd Ave S, Suite D 2nd floor, Seattle, WA 98134
Phone/Fax: 2062696310 / (206) 900-8789
http://www.emsl.com seattlelab@emsl.com

EMSL Order:	511601003
CustomerID:	32CITA50
CustomerPO:	
ProjectID:	

Attn: **Jack Samuels**
Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale, CA 91201

Phone:	(818) 246-2707
Fax:	
Received:	07/22/16 1:40 PM
Analysis Date:	8/1/2016
Collected:	

Project: **1925 Arizona Apartment Buildings Survey, 0765.1059.0**

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
38-Coating *511601003-0038*	Beige Stucco - 1234 Ext., NW	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**
39-Coating *511601003-0039*	Beige Stucco - 1234 Ext., NE	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**
40-Coating *511601003-0040*	Beige Stucco - 1234 Ext, E	Tan Non-Fibrous Homogeneous	HA: ES1	99.90% Non-fibrous (other)	**0.10% Chrysotile**
41-Coating *511601003-0041*	Beige Stucco - 1234 Ext., SE	Tan Non-Fibrous Homogeneous	HA: ES1	100.00% Non-fibrous (other)	**<0.1% Chrysotile**

Analyst(s)

Rudy Baum (1)
Rebecca Ferrell (3)

Michelle J. Grubb

or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. Seattle, WA

Report Amended: 08/01/2016 14:15:19 Replaces the Inital Report 07/27/2016 12:21:27. Reason Code: Client-Test Added

EMSL Analytical, Inc.

3317 3rd Ave S, Suite D 2nd floor Seattle, WA 98134

Tel/Fax: (206) 269-6310 / (206) 900-8789

http://www.emsl.com / seattlelab@emsl.com

EMSL Order:	511601003
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Attention:	Jack Samuels	**Phone:**	(562) 599-9918
	Citadel Environmental Services, Inc.	**Fax:**	
	1725 Victory Boulevard	**Received Date:**	07/22/2016 1:40 PM
	Glendale, CA 91201	**Analysis Date:**	07/26/2016 - 07/27/2016
		Collected Date:	

Project: 1925 Arizona Apartment Buildings Survey, 0765.1059.0

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
01 *511601003-0001*	Beige 9"x9" FT - 1234 20th St., Unit A, Rm. #1 NW	Tan Non-Fibrous Homogeneous	HA: 9VFT1	98% Non-fibrous (Other)	2% Chrysotile
02 *511601003-0002*	Yellow a/w 9VFT1 - 1234 20th St., Unit A, Rm. #1 NW	Black Non-Fibrous Homogeneous	HA: FTM1	92% Non-fibrous (Other)	8% Chrysotile
03 *511601003-0003*	Beige 9"x9" FT - 1234 20th St., Unit A, Rm. #1 NE	Tan Non-Fibrous Homogeneous	HA: 9VFT1	98% Non-fibrous (Other)	2% Chrysotile
04 *511601003-0004*	Yellow a/w 9VFT1 - 1234 20th St., Unit A, Rm. #1 NE	Black Non-Fibrous Homogeneous	HA: FTM1	92% Non-fibrous (Other)	8% Chrysotile
05 *511601003-0005*	Beige 9"x9" FT - 1234 20th St., Unit A, Rm. #1 SE	White Non-Fibrous Homogeneous	HA: 9VFT1	98% Non-fibrous (Other)	2% Chrysotile
06 *511601003-0006*	Yellow a/w 9VFT1 - 1234 20th St., Unit A, Rm. #1 SE	Black Non-Fibrous Homogeneous	HA: FTM1	92% Non-fibrous (Other)	8% Chrysotile
07 *511601003-0007*	Beige Diamon Pattern - 1234 20th St., Unite C, Rm. 3, Center	White Fibrous Homogeneous	5% Cellulose HA: VSF1	95% Non-fibrous (Other)	None Detected
08 *511601003-0008*	Yellow a/w VSF1 - 1234 20th St., Unite C, Rm. 3, Center	Yellow Non-Fibrous Homogeneous	HA: VSFM1	100% Non-fibrous (Other)	None Detected
09 *511601003-0009*	Yellow under VSF1 - 1234 20th St., Unite C, Rm. 3, Center	Gray Fibrous Homogeneous	HA: VSF2	80% Non-fibrous (Other)	20% Chrysotile
10 *511601003-0010*	Yellow a/w VSF2 - 1234 20th St., Unite C, Rm. 3, Center	White Non-Fibrous Homogeneous	HA: VSFM2	100% Non-fibrous (Other)	None Detected
11 *511601003-0011*	White Window Putty - 1234 20th St. NW	White Non-Fibrous Homogeneous	HA: WP1	100% Non-fibrous (Other)	None Detected
12 *511601003-0012*	Grey Window Putty - 1234 20th St. SW	Gray Non-Fibrous Homogeneous	HA: WP2	96% Non-fibrous (Other)	4% Chrysotile

Initial report from: 07/27/2016 15:21:21

EMSL Analytical, Inc.
3317 3rd Ave S, Suite D 2nd floor Seattle, WA 98134
Tel/Fax: (206) 269-6310 / (206) 900-8789
http://www.emsl.com / seattlelab@emsl.com

EMSL Order: 511601003
Customer ID: 32CITA50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
13 *511601003-0013*	White Plaster (Sand Texture) - 1234 20th St. Garage #2 SW	White Non-Fibrous Homogeneous	HA: WPF2	10% Quartz 90% Non-fibrous (Other)	None Detected
14 *511601003-0014*	Brown a/w WPF2 - 1234 20th St. Garage #2, SW	White Non-Fibrous Homogeneous	HA: WPB2	100% Non-fibrous (Other)	None Detected
15-Plaster *511601003-0015*	White Plaster (Sand Texture) - 1234 Garage #2, SE	White Non-Fibrous Homogeneous	HA: WPF2	10% Quartz 90% Non-fibrous (Other)	None Detected
15-Drywall *511601003-0015A*	White Plaster (Sand Texture) - 1234 Garage #2, SE	Gray Fibrous Homogeneous	10% Cellulose HA: WPF2	50% Gypsum 40% Non-fibrous (Other)	None Detected
16 *511601003-0016*	Brown a/w WPF2 - 1234 Garage #2, SE	White Non-Fibrous Homogeneous	HA: WPB2	100% Non-fibrous (Other)	None Detected
17-Plaster *511601003-0017*	White Plaster (Sand Texture) - 1234 Garage #2, N	White Non-Fibrous Homogeneous	HA: WPF2	10% Quartz 90% Non-fibrous (Other)	None Detected
17-Drywall *511601003-0017A*	White Plaster (Sand Texture) - 1234 Garage #2, N	White Non-Fibrous Homogeneous	10% Cellulose HA: WPF2	50% Gypsum 40% Non-fibrous (Other)	None Detected
18 *511601003-0018*	Brown a/w WPF2 - 1234 Garage #2, N	White Non-Fibrous Homogeneous	HA: WPB2	100% Non-fibrous (Other)	None Detected
19 *511601003-0019*	White Plaster (Smooth) - 1234 Unit A, Rm. #1, NW	White Non-Fibrous Homogeneous	HA: WPF1	10% Quartz 90% Non-fibrous (Other)	None Detected
20 *511601003-0020*	Brown a/w WPB1 - 1234 Unit A, Rm. #1, NW	White Non-Fibrous Homogeneous	HA: WPB1	100% Non-fibrous (Other)	None Detected
21 *511601003-0021*	White Plaster (Ceiling) - 1234 Unit A, Rm. #2, SE	White Non-Fibrous Homogeneous	HA: WPF1	10% Quartz 90% Non-fibrous (Other)	None Detected
22 *511601003-0022*	Brown a/w WPB1 - 1234 Unit A, Rm. #2, SE	White Non-Fibrous Homogeneous	HA: WPB1	100% Non-fibrous (Other)	None Detected
23 *511601003-0023*	White Plaster (Ceiling) - 1234 Unit C, Rm. #1, SW	White Non-Fibrous Homogeneous	HA: WPF1	10% Quartz 90% Non-fibrous (Other)	None Detected
24 *511601003-0024*	Brown a/w WPB1 - 1234 Unit C, Rm. #1, SW	White Non-Fibrous Homogeneous	HA: WPB1	100% Non-fibrous (Other)	None Detected

Initial report from: 07/27/2016 15:21:21

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EMSL Order: 511601003
Customer ID: 32CITA50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
25-Plaster *511601003-0025*	White Plaster (Ceiling) - 1234 Unit B, Rm. #1, SE	White Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
			HA: WPF1		
25-Drywall *511601003-0025A*	White Plaster (Ceiling) - 1234 Unit B, Rm. #1, SE	White Fibrous Homogeneous	10% Cellulose	50% Gypsum 40% Non-fibrous (Other)	None Detected
			HA: WPF1		
26 *511601003-0026*	Brown a/w WPB1 - 1234 Unit B, Rm. #1, SE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: WPB1		
27 *511601003-0027*	White Plaster (Ceiling) - 1234 Unit B, Rm. #6, S	White Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
			HA: WPF1		
28 *511601003-0028*	Brown a/w WPB1 - 1234 Unit B, Rm. #6, S	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: WPB1		
29-Plaster *511601003-0029*	Beige Deck Coating - 1234 Steps, NE	White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
			HA: DC1		
29-Coating *511601003-0029A*	Beige Deck Coating - 1234 Steps, NE	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
			HA: DC1		
30-Plaster *511601003-0030*	Beige Deck Coating - 1234 Landing, N	White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
			HA: DC1		
30-Coating *511601003-0030A*	Beige Deck Coating - 1234 Landing, N	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
			HA: DC1		
31-Plaster *511601003-0031*	Beige Deck Coating - 1234 Landing, NW	White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
			HA: DC1		
31-Coating *511601003-0031A*	Beige Deck Coating - 1234 Landing, NW	Beige Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
			HA: DC1		
32 *511601003-0032*	Grey Transite 6" OD - 1234 Unit C, Attic, Center	Gray Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile
			HA: Transite1		
33 *511601003-0033*	Brown Moisture Barrier Paper - 1234 Exterior Behind Stucco, NE	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: MBP1		
34 *511601003-0034*	Brown Moisture Barrier Paper - 1234 Exterior Behind Stucco, E	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: MBP1		

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EMSL Order: 511601003
Customer ID: 32CITA50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
35 *511601003-0035*	Brown Moisture Barrier Paper - 1234 Exterior Behind Stucco, SE	Black Fibrous Homogeneous	60% Cellulose HA: MBP1	40% Non-fibrous (Other)	None Detected
36-Shingle *511601003-0036*	Black Roof Field Membrance (Core) - 1234 Balcony, Center	Black Fibrous Homogeneous	5% Glass HA: RFM1	5% Quartz 90% Non-fibrous (Other)	None Detected
36-Flashing *511601003-0036A*	Black Roof Field Membrance (Core) - 1234 Balcony, Center	Black Non-Fibrous Homogeneous	HA: RFM1	100% Non-fibrous (Other)	None Detected
37-Shingle *511601003-0037*	Black Roof Shingles - 1234 RF., West	White/Black Non-Fibrous Homogeneous	2% Cellulose HA: RS1	5% Quartz 93% Non-fibrous (Other)	None Detected
37-Shingle 2 *511601003-0037A*	Black Roof Shingles - 1234 RF., West	Red/Black Fibrous Homogeneous	10% Glass HA: RS1	2% Quartz 88% Non-fibrous (Other)	None Detected
38-Coating *511601003-0038* *Inseparable paint / coating layer included in analysis*	Beige Stucco - 1234 Ext., NW	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100% Non-fibrous (Other)	<1% Chrysotile
38-Stucco *511601003-0038A*	Beige Stucco - 1234 Ext., NW	Gray Non-Fibrous Homogeneous	HA: ES1	10% Quartz 90% Non-fibrous (Other)	None Detected
39-Coating *511601003-0039* *Inseparable paint / coating layer included in analysis*	Beige Stucco - 1234 Ext., NE	Tan/Beige Non-Fibrous Homogeneous	HA: ES1	100% Non-fibrous (Other)	<1% Chrysotile
39-Stucco *511601003-0039A*	Beige Stucco - 1234 Ext., NE	Gray Non-Fibrous Homogeneous	HA: ES1	10% Quartz 90% Non-fibrous (Other)	None Detected
40-Coating *511601003-0040* *Inseparable paint / coating layer included in analysis*	Beige Stucco - 1234 Ext, E	Tan Non-Fibrous Homogeneous	HA: ES1	100% Non-fibrous (Other)	<1% Chrysotile
40-Stucco *511601003-0040A*	Beige Stucco - 1234 Ext, E	Gray Non-Fibrous Homogeneous	HA: ES1	10% Quartz 90% Non-fibrous (Other)	None Detected
41-Coating *511601003-0041* *Inseparable paint / coating layer included in analysis*	Beige Stucco - 1234 Ext., SE	Tan Non-Fibrous Homogeneous	HA: ES1	100% Non-fibrous (Other)	<1% Chrysotile
41-Stucco *511601003-0041A*	Beige Stucco - 1234 Ext., SE	Gray Non-Fibrous Homogeneous	HA: ES1	10% Quartz 90% Non-fibrous (Other)	None Detected

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EMSL Order:	511601003
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
42-Coating *511601003-0042*	Beige Stucco - 1234 Ext., SW	White Non-Fibrous Homogeneous	HA: ES1	100% Non-fibrous (Other)	None Detected
42-Stucco *511601003-0042A*	Beige Stucco - 1234 Ext., SW	Gray Non-Fibrous Homogeneous	HA: ES1	10% Quartz 90% Non-fibrous (Other)	None Detected
43 *511601003-0043*	White Black Diamond Pattern - 1234 Unit C, Rm. #6, Center	White Non-Fibrous Homogeneous	HA: VSF3	100% Non-fibrous (Other)	None Detected
44 *511601003-0044*	Yellow a/w VSF3 - 1234 Unit C, Rm. #6, Center	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic HA: VSFM3	100% Non-fibrous (Other)	None Detected

Analyst(s)
Lauren Kerber (47)
Rebecca Ferrell (10)

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Seattle, WA NVLAP Lab Code 200613

Initial report from: 07/27/2016 15:21:21

OrderID: 511601003

#511601003

CHAIN OF CUSTODY

CITADEL ENVIRONMENTAL SERVICES, INC.

CITADEL LOCATION:

☐ GLENDALE	☒ ORANGE COUNTY	☐ VALENCIA	☐ TORRANCE OFFICE
Contact:	Contact: Jack Samuels	Contact:	Contact:
email:	jsamuels@citadelenvironmental.com	email:	email:
1725 Victory Blvd.	151 Kalmus Drive, Suite F-4	28212 Kelly Johnson Parkway	3700 West 190th Street
Glendale, CA 91201	Costa Mesa, CA 92626	Valencia, CA 91355	Torrance, CA 90509
Phone: (818) 246-2707	Phone:(562) 599-9918	Phone:(661) 257-9009	Phone:(310) 212-1714
Fax: (818) 246-3145	Fax: (714) 547-4647	Fax:(661) 257-9019	Fax:(310) 212-1702

PROJECT AND SAMPLE INFORMATION

PROJECT NUMBER: 0765.1059.0

PROJECT ID: 1925 Arizona Apartment Buildings Survey - 1234 20TH Street, Santa Monica, CA

NUMBER OF SAMPLES: 44 **SAMPLE NUMBERS:** 01 to 44

TYPE OF SAMPLES (CIRCLE ONE): AIR TAPE WATER WIPE ZEFON ANDERSEN BULK SOIL AIR-O-CELL PLATE OTHER

TYPE OF ANALYSIS:

Asbestos

- ☐ Phase Contrast Microscopy
- ☑ Polarized Light Microscopy
- ☐ 1st Positive Stop
- ☐ Point Count ☐ 400 Point Count ☐ 1000 Point Count
- ☐ Transmission Electron Microscopy
- ☐ Qualitative ☐ Quantitive

Lead

- ☐ Flame Atomic Absorption
- ☐ TTLC ☐ STLC ☐ TCLP

Culturable Air

- ☐ Andersen Fungi (genue ID, Aspergillus)
- ☐ Andersen Bacteria

Non-Culturable Air

- ☐ Non-Viable Spore Trap Slide

Surface Samples

- ☐ Surface Sample (direct examination)

Culturable Samples

- ☐ Quantitative Fungi-dust, bulk swab-1 medium
- ☐ Quantitative Fungi-dust, bulk swab-3 media
- ☐ Quantitative Bacteria-dust, bulk swab-1 medium
- ☐ Quantitative Bacteria-dust, bulk, swab-3 media
- ☐ E.coli and Coliforms (MUG)

Other ☐

TURNAROUND TIME (CIRCLE ONE): Rush 12 HOURS 24 HOURS 48 HOURS 3 DAYS 5 DAYS 5-10 DAYS OTHER

REPORT RESULTS VIA (CIRCLE ALL THAT APPLY): PHONE FAX WRITTEN REPORT PDF

NOTES/COMMENTS:

TRANSMITTAL RECORD:

Relinquished By: [signature]	Received By: [signature]
Date: 7/22/16 Time: 1:31 pm	Date: 7/22/2016 Time: 1:40
Relinquished By:	Received By: JK
Date Time:	Date. 7/26/16 Time. 1045

LABORATORY INFORMATION: NAME. LA Testing LOCATION: Huntington Beach

DISPOSITION OF SAMPLES: ☐ RETURN ____ DAYS AFTER ANALYSIS ☐ OTHER ____ ☐ RETAIN FOR ____ DAYS ☐ YEAR (S) ____

Revised 9/29/06

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 1059 0
CLIENT: 1925 Arizona (SM), LLC
PROJECT ID: 1925 Arizona Apartment Buildings Survey
SITE ADDRESS: 1234 20th Street, Santa Monica Boulevard

DATE: 07/20/16 (5 Fm B.)
INSPECTOR: Rigo Rodriguez
CSST #:07-4152

PAGE 1 OF 4

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
9VFT1	01	Beige	9"x9" FT	1234 20TH St.	1ST	Unit A, Rm. #1, NW			NO	G	N/A
ETM1	02	Yellow	g/w 9VFT1								
9VFT1	03					NE					
ETM1	04										
9VFT1	05					SE					
ETM1	06										
VSF1	07	Beige	Diamond Pattern		2ND	Unit C, Rm. 3, Center					
VSFM1	08	Yellow	g/w VSF1								
VSF2	09	Yellow	Yellow (under VSF2)								
VSFM2	10	Yellow	g/w VSF2								
WP1	11	White	Window Putty			NW					
WP2	12	Grey				SW					
WPF2	13	White	Plaster (Sand Texture)		1ST	Garage #2, SW					
WPB2	14	Brn	g/w WPF2								

OrderID: 511601003
#511601003

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 10590
CLIENT: 1925 Arizona (SM), LLC
PROJECT ID: 1925 Arizona Apartment Buildings Survey
SITE ADDRESS: 1234 20th Street, Santa Monica Boulevard

DATE: 07/20/16
INSPECTOR: Rigo Rodriguez
CSST #:07-4152

PAGE 2 OF 4

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
WPF2	15	White	Plaster (Sand Texture)	1234	1ST	Garage #2, SE			NO	G.	N/A
WPB2	16	Brn	q/w WPF2								
WPF2	17	→	→			N.					
WPB2	18	←	←								
WPF1	19	White	Plaster (Smooth)			Unit A, Rm #1, NW					
WPB1	20	Brn	q/w WPB1								
WPF1	21	→	→ (Ceiling)			Rm #2, SE					
WPB1	22	←	←								
WPF1	23	→	→		2ND	Unit C, Rm #1, SW					
WPB1	24	←	←								
WPF1	25	→	→			Unit #B, Rm #1, SE					
WPB1	26	←	←								
WPF1	27	→	→			Rm #6, S.					
WPB1	28	←	←								

OrderID: 511601003

#511601003

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 10590
CLIENT: 1925 Arizona (SM), LLC
PROJECT ID: 1925 Arizona Apartment Buildings Survey
SITE ADDRESS: 1234 20th Street, Santa Monica Boulevard

DATE: 07/20/16
INSPECTOR: Rigo Rodriguez
CSST #:07-4152

PAGE 3 OF 4

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
DC1	29	Beige	Deck Coating	1234	2ND	Steps, NE			NO	G.	N/A
DC1	30	"	"	"	"	Landing, N.			"	"	"
DC1	31	"	"	"	"	" NW			"	"	"
Transite 1	32	Grey	Transite 6"OD	"	"	Unit C Attic, Center			"	"	"
MBP 1	33	Brown	Moisture Barrier paper	"	1ST	Exterior Behind Stucco NE			"	"	"
MBP 1	34	"	"	"	"	" E			"	"	"
MBP 1	35	"	"	"	"	" SE			"	"	"
RFM 1	36	Black	Roof Field Membrane (Core)	"	2ND	Balcony, Center			"	"	"
RS1	37	"	Roof Shingles	"	Rf.	Rf., West			"	"	"
ES1	38	Beige	Stucco	"	1ST	Ext., NW			"	"	"
ES1	39	"	"	"	"	" NE			"	"	"
ES1	40	"	"	"	"	" E			"	"	"
ES1	41	"	"	"	"	" SE			"	"	"
ES1	42	"	"	"	"	" SW			"	"	"

OrderID: 511601003

#511601003

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 1059 0 | DATE: 07/20/16 | PAGE 4 OF 4

CLIENT: 1925 Arizona (SM), LLC

PROJECT ID: 1925 Arizona Apartment Buildings Survey | INSPECTOR: Rigo Rodriguez

SITE ADDRESS: 1234 20th Street, Santa Monica Boulevard | CSST #:07-4152

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION		BULK SAMPLE LOCATION			QUANTITY		FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
		COLOR	TEXTURE/PATTERN	UNIT	LEVEL	AREA/LOCATION	NO.	UNIT			
VSF3	43	White	Black Diamond Pattern	1234	2ND	Unit C, Bath, Center			NO	G	N/A
VSFM3	44	Yellow	g/w VSF3	1	1	1, 1, 1			1	1	1

OrderID: 511601003

#511601003

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7916 Convoy Court,Building 4, Suite A, San Diego, CA 92111
Phone/Fax: 858-499-1303 / (858) 499-1304
http://www.EMSL.com sandiegolab@emsl.com

EMSL Order: 431601887
CustomerID: 32CITA50
CustomerPO:
ProjectID:

Attn: **Jack Samuels**
Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale, CA 91201

Phone: (818) 246-2707
Fax:
Received: 07/22/16 1:40 PM
Analysis Date: 8/1/2016
Collected:

Project: **0765.1057.0/1925 ARIZONA APARTMENT BUILDINGS SURVEY-1242 20TH ST SANTA MONICA**

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
06 *431601887-0006*	Q/W/VSF1/UNIT C/RM #2/E				**Insufficient Material**
20 *431601887-0020*	PLASTER (SMOOTH)/UNIT A/RM 1/W	White Non-Fibrous Homogeneous		99.90% Non-fibrous (other)	**0.10% Chrysotile**
22 *431601887-0022*	PLASTER (SMOOTH)/CEILING/ UNIT A/RM #6/CENTER	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**
24 *431601887-0024*	PLASTER (SMOOTH)/UNIT E/RM #5/E	White Non-Fibrous Homogeneous		99.90% Non-fibrous (other)	**0.10% Chrysotile**
26 *431601887-0026*	PLASTER (SMOOTH)/UNIT C/RM #1/S	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**
28 *431601887-0028*	PLASTER (SMOOTH)/CEILING/ UNIT D/RM #6/CENTER	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**
30 *431601887-0030*	PLASTER (SMOOTH)/UNIT E/RM #1/E	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**

Analyst(s)

Alexandra Gates (11)

Shayne Boney

Shayne Boney, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. San Diego, CA

Initial report from 08/01/2016 18:01:30

EMSL Analytical, Inc.
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Phone/Fax: 858-499-1303 / (858) 499-1304
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EMSL Order:	431601887
CustomerID:	32CITA50
CustomerPO:	
ProjectID:	

Attn: **Jack Samuels**
Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale, CA 91201

Phone:	(818) 246-2707
Fax:	
Received:	07/22/16 1:40 PM
Analysis Date:	8/1/2016
Collected:	

Project: **0765.1057.0/1925 ARIZONA APARTMENT BUILDINGS SURVEY-1242 20TH ST SANTA MONICA**

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
32 *431601887-0032*	PLASTER (SMOOTH)/UNIT F/RM #4/E	White Non-Fibrous Homogeneous		99.80% Non-fibrous (other)	**0.20% Chrysotile**
48-Finish Coat *431601887-0048*	STUCCO/NE	White Non-Fibrous Homogeneous		99.80% Non-fibrous (other)	**0.20% Chrysotile**
49-Finish Coat *431601887-0049*	STUCCO/E	White Non-Fibrous Homogeneous		99.90% Non-fibrous (other)	**0.10% Chrysotile**
50-Finish Coat *431601887-0050*	STUCCO/SE	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**
51-Finish Coat *431601887-0051*	STUCCO/W	White Non-Fibrous Homogeneous		99.80% Non-fibrous (other)	**0.20% Chrysotile**

Analyst(s)

Alexandra Gates (11)

Shayne Boney

Shayne Boney, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc. San Diego, CA

Initial report from 08/01/2016 18:01:30

EMSL Analytical, Inc.

7916 Convoy Court,Building 4, Suite A San Diego, CA 92111

Tel/Fax: (858) 499-1303 / (858) 499-1304

http://www.EMSL.com / sandiegolab@emsl.com

EMSL Order:	431601887
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Attention:	Jack Samuels	**Phone:**	(562) 599-9918
	Citadel Environmental Services, Inc.	**Fax:**	
	1725 Victory Boulevard	**Received Date:**	07/22/2016 1:40 PM
	Glendale, CA 91201	**Analysis Date:**	07/27/2016
		Collected Date:	

Project: 0765.1057.0/1925 ARIZONA APARTMENT BUILDINGS SURVEY-1242 20TH ST SANTA MONICA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
01 *431601887-0001*	GOLD & WHITE/UNIT D/RM #2/CENTER	Gold Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
02 *431601887-0002* *Result includes a small amount of inseparable attached material*	Q/W/VSF1/UNIT D/RM #2/CENTER	Yellow Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
03 *431601887-0003*	GOLD & WHITE/UNIT G/RM #2/E	Gold Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
04 *431601887-0004*	Q/W/VSF1/UNIT G/RM #2/E	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05 *431601887-0005*	GOLD & WHITE/UNIT C/RM #2/E	Gold Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
06 *431601887-0006* *Result includes a small amount of inseparable attached material*	Q/W/VSF1/UNIT C/RM #2/E	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
07 *431601887-0007*	12X12 PATTERN/UNIT D/RM #6/N	Beige Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
08 *431601887-0008*	Q/W/VSF2/UNIT D/RM #6/N	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09 *431601887-0009*	12X12 PATTERN/UNIT F/RM @2/CENTER	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
10 *431601887-0010*	Q/W/VSF3/UNIT F/RM @2/CENTER	Yellow Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
11 *431601887-0011*	BEIGE/UNIT G/RM #6/N	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 *431601887-0012*	Q/W/VSF4/UNIT G/RM #6/N	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13 *431601887-0013*	WOOD PATTERN/UNIT A/RM @1/NW	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 *431601887-0014*	Q/W/12VFT1/UNIT A/RM @1/NW	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15 *431601887-0015*	9X9 PATTERN/UNIT C/RM #2/E	Beige Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected

Initial report from: 07/27/2016 12:42:45

EMSL Analytical, Inc.
7916 Convoy Court,Building 4, Suite A San Diego, CA 92111
Tel/Fax: (858) 499-1303 / (858) 499-1304
http://www.EMSL.com / sandiegolab@emsl.com

EMSL Order:	431601887
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
16 *431601887-0016*	Q/W/VSF5/UNIT C/RM #2/E	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 *431601887-0017*	BASEBOARD MASTIC 4/UNIT D/RM #6/N	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18 *431601887-0018*	BASEBOARD MASTIC 4/UNIT F/RM #6/N	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19 *431601887-0019*	BASEBOARD MASTIC 4/UNIT G/RM #6/W	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20 *431601887-0020*	PLASTER (SMOOTH)/UNIT A/RM 1/W	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
21 *431601887-0021*	Q/W/WRF1/UNIT A/RM 1/W	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 *431601887-0022*	PLASTER (SMOOTH)/CEILING/ UNIT A/RM #6/CENTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
23 *431601887-0023*	CEILING/UNIT A/RM #6/CENTER	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24 *431601887-0024*	PLASTER (SMOOTH)/UNIT E/RM #5/E	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
25 *431601887-0025*	Q/W/WRF1/UNIT E/RM #5/E	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26 *431601887-0026*	PLASTER (SMOOTH)/UNIT C/RM #1/S	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
27 *431601887-0027*	Q/W/WRF1/UNIT C/RM #1/S	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 *431601887-0028*	PLASTER (SMOOTH)/CEILING/ UNIT D/RM #6/CENTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
29 *431601887-0029*	Q/W/WPF1/UNIT D/RM #6/CENTER	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
30 *431601887-0030*	PLASTER (SMOOTH)/UNIT E/RM #1/E	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
31 *431601887-0031*	Q/W/WPF1/UNIT E/RM #1/E	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
32 *431601887-0032*	PLASTER (SMOOTH)/UNIT F/RM #4/E	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
33 *431601887-0033*	Q/W/WPF1/UNIT F/RM #4/E	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/27/2016 12:42:45

EMSL Analytical, Inc.

7916 Convoy Court,Building 4, Suite A San Diego, CA 92111

Tel/Fax: (858) 499-1303 / (858) 499-1304

http://www.EMSL.com / sandiegolab@emsl.com

EMSL Order:	431601887
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
34 *431601887-0034*	WALLPAPER ADHESIVE/UNIT E/RM #1/W	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35 *431601887-0035*	WALLPAPER ADHESIVE/UNIT E/RM #5/W	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36 *431601887-0036*	LIGHTWEIGHT CONCRETE/UNIT A/RM #1/E	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
37 *431601887-0037*	LIGHTWEIGHT CONCRETE/UNIT B/RM #1/NW	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
38 *431601887-0038*	LIGHTWEIGHT CONCRETE/UNIT C/RM#1/NE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
39 *431601887-0039*	MIRROR MASTIC/UNIT A/RM #1/W	Black Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
40 *431601887-0040*	DECK COATING/EXT/STEP S/E	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
41 *431601887-0041*	DECK COATING/LAUNDRY/ NE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42 *431601887-0042*	DECK COATING/LAUNDRY/ W	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
43 *431601887-0043*	MOISTURE BARRIER PAPER/BEHIND STUCCO/NW	Brown Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
44 *431601887-0044*	MOISTURE BARRIER PAPER/BEHIND STUCCO/NE	Brown Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
45 *431601887-0045*	MOISTURE BARRIER PAPER/BEHIND STUCCO/SE	Brown Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
46 *431601887-0046*	ROOF SHINGLES/NE	Black Non-Fibrous Homogeneous	2% Cellulose 3% Glass	95% Non-fibrous (Other)	None Detected
47 *431601887-0047*	STUCCO/NW	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
48-Finish Coat *431601887-0048*	STUCCO/NE	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
48-Base Coat *431601887-0048A*	STUCCO/NE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
49-Finish Coat *431601887-0049*	STUCCO/E	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
49-Base Coat *431601887-0049A*	STUCCO/E	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/27/2016 12:42:45

EMSL Analytical, Inc.

7916 Convoy Court,Building 4, Suite A San Diego, CA 92111

Tel/Fax: (858) 499-1303 / (858) 499-1304

http://www.EMSL.com / sandiegolab@emsl.com

EMSL Order:	431601887
Customer ID:	32CITA50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
50-Finish Coat *431601887-0050*	STUCCO/SE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
50-Base Coat *431601887-0050A*	STUCCO/SE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
51-Finish Coat *431601887-0051*	STUCCO/W	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
51-Base Coat *431601887-0051A*	STUCCO/W	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Alexandra Gates (7)
Mariah Curran (20)
Natalia Toscano (28)

Shayne Boney, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713

Initial report from: 07/27/2016 12:42:45

#431601887

GEN-FM-10-1: Sample Transfer-One Time
Revision 4.2
Revision Date: 1/05/2016
Effective Date: 1/05/2016

EMSL Analytical, Inc.

Sample Transfer Form

Receiving Lab:	EMSL- Huntington Beach	**Phone Number:**	
		Fax Number:	
Relinquished to:	EMSL- San Diego	**Phone Number:**	
		Fax Number:	
Does new lab hold equivalent or additional accreditation? *		☐ Yes ☐ No	
EMSL Customer ID # (if known):	32CITA50		
Client Name:	Citadel Environmental Services, Inc.		
Client Project:	Various		
Tests to be Performed:	PLM EPA 600		
Date Received:	07/22/16 1:40PM		
Date Relinquished:	7/25/16		
Date Due:	7/27/16 1:40PM		
Special Instructions: (e.g. Work Order # , required qualifications, project specific procedures/modifications)			

Relinquished by (Signature):	**Date:**	**Received by (Signature):**	**Date:**
[signature]	7/25/16	[signature]	7/27/16 8:45AM
Relinquished by (Signature):	**Date:**	**Received by (Signature):**	**Date:**

Customer Agreement- Please sign form and send to the receiving laboratory. By signing below, you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.

Name (please print):	**Signature:**	**Agent of:**	**Date:**
M. Verbals			

If this is a recurring project or sample type that may require samples to be relinquished on a regular basis, a Standing Agreement form must be completed.

* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.

Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

7951 7197 8463

OrderID: 431601887

#431601887

CHAIN OF CUSTODY

CITADEL ENVIRONMENTAL SERVICES, INC.

CITADEL LOCATION:

[ ] GLENDALE	[X] ORANGE COUNTY	[ ] VALENCIA	[ ] TORRANCE OFFICE
Contact:	Contact Jack Samuels	Contact:	Contact:
email	jsamuels@citadelenvironmental.com	email.	email.
1725 Victory Blvd.	151 Kalmus Drive, Suite F-4	28212 Kelly Johnson Parkway	3700 West 190th Street
Glendale, CA 91201	Costa Mesa, CA 92626	Valencia, CA 91355	Torrance, CA 90509
Phone: (818) 246-2707	Phone:(562) 599-9918	Phone.(661) 257-9009	Phone:(310) 212-1714
Fax. (818) 246-3145	Fax (714) 547-4647	Fax:(661) 257-9019	Fax:(310) 212-1702

PROJECT AND SAMPLE INFORMATION

PROJECT NUMBER: 0765.1059.0

PROJECT ID: 1925 Arizona Apartment Buildings Survey - 1242 20TH St., Santa Monica

NUMBER OF SAMPLES: 51 **SAMPLE NUMBERS:** 01 to 51

TYPE OF SAMPLES (CIRCLE ONE): AIR, BULK, TAPE, SOIL, WATER, ZEFON, AIR-O-CELL, WIPE, ANDERSEN, PLATE, OTHER

TYPE OF ANALYSIS:

Asbestos

- ____ Phase Contrast Microscopy
- ✓ Polarized Light Microscopy
- ____ 1st Positive Stop
- ____ Point Count ____ 400 Point Count ____ 1000 Point Count
- ____ Transmission Electron Microscopy
- ____ Qualitative ____ Quantitive

Culturable Air

- ____ Andersen Fungi (genue ID, Aspergillus)
- ____ Andersen Bacteria

Non-Culturable Air

- ____ Non-Viable Spore Trap Slide

Surface Samples

- ____ Surface Sample (direct examination)

Lead

- ____ Flame Atomic Absorption
- ____ TTLC ____ STLC ____ TCLP

Culturable Samples

- ____ Quantitative Fungi-dust, bulk swab-1 medium
- ____ Quantitative Fungi-dust, bulk swab-3 media
- ____ Quantitative Bacteria-dust, bulk swab-1 medium
- ____ Quantitative Bacteria-dust, bulk, swab-3 media
- ____ E.coli and Coliforms (MUG)

Other ____

TURNAROUND TIME (CIRCLE ONE): Rush, 12 HOURS, 24 HOURS, 48 HOURS, 3 DAYS, 5 DAYS, 5-10 DAYS, OTHER

REPORT RESULTS VIA (CIRCLE ALL THAT APPLY): PHONE, FAX, WRITTEN REPORT, PDF

NOTES/COMMENTS:

TRANSMITTAL RECORD:

Relinquished By: B	Received By:
Date: 7/22/16 Time: 1:28 pm	Date: 7/22/2016 Time: 1:40p
Relinquished By:	Received By:
Date: Time:	Date: Time:

LABORATORY INFORMATION: NAME: CA Testing LOCATION: Huntington Beach

DISPOSITION OF SAMPLES: [ ] RETURN ____ DAYS AFTER ANALYSIS [ ] OTHER ____ [ ] RETAIN FOR ____ DAYS [ ] YEAR (S) ____

Revised 9/29/06

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 10590
CLIENT: 1925 Arizona (SM), LLC
PROJECT ID: 1925 Arizona Apartment Buildings Survey
SITE ADDRESS: 1242 20TH Street, Santa Monica Boulevard

DATE: 07 20 16
INSPECTOR: Sam B + Rigo Rodriguez
CSST #:07-4152

PAGE 1 OF 2

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
VSF1	01	Gold	Gold + White	1242 20TH St.	1ST	Unit D, Rm. #2 Center			No	G	N/A
VSFM1	02	Yellow	q/w VSF1								
VSF1	03	→	→			Unit G, Rm. #2, E.					
VSFM1	04	←	←								
VSF1	05	→	→		2ND	Unit C, Rm. #2 E					
VSFM1	06	←	←								
VSF2	07	Beige	12"x12" Pattern		1ST	Unit D, Rm. #6, N.					
VSFM2	08	Yellow	q/w VSF2								
VSF3	09	Tan	12x12 Pattern			Unit F, Rm. #2, Center					
VSFM3	10	Yellow	q/w VSF3								
VSF4	11	Light Grey	And Beige			Unit G, Rm. #6, N					
VSFM4	12	Yellow	q/w VSF4								
12VFT1	13	Brn	Wood Pattern		2ND	Unit A, Rm. #1, NW					
FTM1	14	Yellow	q/w 12VFT1								

OrderID: 431601887
#431601887
Page 3 Of 6

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 1059 0
CLIENT: 1925 Arizona (SM), LLC
PROJECT ID: 1925 Arizona Apartment Buildings Survey
SITE ADDRESS: 1242 20th Street, Santa Monica Boulevard

DATE: 07/20/16 Sam B.
INSPECTOR: Rigo Rodriguez
CSST #:07-4152

PAGE 2 OF 3

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
VSFS	15	Cream	9"x9" Pattern	1242 20TH St.	2ND	Unit C, Rm. #2, E.			No	G.	N/A
VSFMS	16	Yellow	q/w VSFS								
FBM1	17	Cream	Baseboard Mastic 4"		1ST	Unit D, Rm. #6, N.					
FBM1	18					Unit F, Rm. #6, N.					
FBM1	19					Unit G., Rm. #6, W					
WPF1	20	White	Plaster (Smooth)		2ND	Unit A, Rm 1, W					
WPB1	21	Brn	q/w WPF1								
WPF1	22		Ceiling			, Rm #6, Center					
WPF1	23										
WPB1	24					Unit E., Rm #5, E					
WPF1	25										
WPF1	26					Unit C, Rm #1, S.					
WPB1	27										
WPF1	28		Ceiling		1ST	Unit D, Rm #6, Center					

OrderID: 431601887
#431601887
Page 4 Of 6

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 10590 | DATE: 07 20 16 | PAGE 3 OF 4

CLIENT: 1925 Arizona (SM), LLC

PROJECT ID: 1925 Arizona Apartment Buildings Survey | INSPECTOR: Rigo Rodriguez

SITE ADDRESS: 1242 20th Street, Santa Monica Boulevard | CSST #:07-4152

CITADEL ENVIRONMENTAL SERVICES, INC

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
WPBI	29	Brn	q/w WPF1	1242 20TH	1ST	Unit D, Rm #6, Center			NO	G	N/A
WPF1	30	White	Plaster (Smooth)			Unit E, Rm #1, E.					
WPBI	31	→	←			I I'					
WPF1	32	←	→			Unit F, Rm. #4, E					
WPBI	33	→	←			I I					
WPI	34	Yellow	Wallpaper Adhesive			Unit E, Rm #1, W					
WPI	35	"	"			" " #5, W					
LWCI	36	Grey	Lightweight Concrete		2ND	Unit A, Rm. #1, E					
LWCI	37	"	"			Unit B, Rm. #1, NW					
LWCI	38	"	"			Unit C, Rm #1, NE					
MMI	39	Black	Mirror Mastic			Unit A, Rm #1, W					
DCI	40	Beige	Deck Coating			Ext., Steps, E.					
DCI	41	"	"			Landing, NE					
DCI	42	"	"	"	"	I, W			"	—	—

OrderID: 431601887

#431601887

Page 5 Of 6

BULK SAMPLE DATA FORM

PROJECT NO.: 0765 1059 0 | DATE: 07 20 16 | PAGE 4

CLIENT: 1925 Arizona (SM), LLC

PROJECT ID: 1925 Arizona Apartment Buildings Survey | INSPECTOR: Sim B. / Rigo Rodriguez | OF 4

SITE ADDRESS: 1242 20th Street/Santa Monica Boulevard | CSST #:07-4152

CITADEL ENVIRONMENTAL SERVICES, INC.

HA TYPE / HA NO.	SAMPLE NO.	MATERIAL DESCRIPTION: COLOR	MATERIAL DESCRIPTION: TEXTURE/PATTERN	BULK SAMPLE LOCATION: UNIT	BULK SAMPLE LOCATION: LEVEL	BULK SAMPLE LOCATION: AREA/LOCATION	QUANTITY: NO.	QUANTITY: UNIT	FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
MBP	43	Brn	Moisture Barrier Paper	1242	Ext	Behind Stucco, NW			NO	G	N/A
MBP	44					NE					
MBP	45					SE					
RSI	46	Black	Roof Shingles		Rf.	NE					
ESI	47	Beige	Stucco		Ext.	NW					
ESI	48					NE					
ESI	49					E.					
ESI	50					SE					
ESI	51					W.					

OrderID: 431601887

#431601887

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Appendix F
Table 3.0 - Lead XRF SA Results

TABLE 3.0 - LEAD XRF SA RESULTS
1234 AND 1242 20TH STREET
SANTA MONICA, CALIFORNIA 90404

Reading No	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Floor	Room	LCP/LBP Results	Action Level	PbC
4	Paint	mg / cm ^2	Final	WALL	STUCCO	A	INTACT	BEIGE	1234 20th ST	EXT		Negative	0.7	0
5	Paint	mg / cm ^2	Final	WALL	STUCCO	B	INTACT	YELLOW	1234 20th ST	EXT		LCP	0.7	0.01
6	Paint	mg / cm ^2	Final	HANDRAIL	METAL	A	INTACT	BLACK	1234 20th ST	EXT		LCP	0.7	0.08
7	Paint	mg / cm ^2	Final	STAIR	DRYWALL	A	INTACT	BEIGE	1234 20th ST	EXT		Negative	0.7	0
8	Paint	mg / cm ^2	Final	SIDING	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	UPSTAIRS	LCP	0.7	0.12
9	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.12
10	Paint	mg / cm ^2	Final	DOOR TRIM	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.14
11	Paint	mg / cm ^2	Final	GARAGE DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.19
12	Paint	mg / cm ^2	Final	SUPPORT POLE	METAL	A	INTACT	YELLOW	1234 20th ST	FIRST	GARAGE	LCP	0.7	0.03
15	Paint	mg / cm ^2	Final	WALL	PLASTER	D	INTACT	PINK	1234 20th ST	FIRST	UNIT A ROOM 1	LCP	0.7	0.3
16	Paint	mg / cm ^2	Final	SINK	CERAMIC	B	INTACT	WHITE	1234 20th ST	FIRST	UNIT A ROOM 2	Negative	0.7	0
17	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	YELLOW	1234 20th ST	FIRST	UNIT A ROOM 2	LBP	0.7	10.1
18	Paint	mg / cm ^2	Final	FLOOR TILE	CERAMIC	A	INTACT	BEIGE	1234 20th ST	FIRST	UNIT A ROOM 3	LCP	0.7	0.01
20	Paint	mg / cm ^2	Final	TOILET	CERAMIC	B	INTACT	WHITE	1234 20th ST	FIRST	UNIT A ROOM 2	LCP	0.7	0.01
21	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	FIRST	UNIT B ROOM 1	LCP	0.7	0.13
22	Paint	mg / cm ^2	Final	SINK	CERAMIC	B	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM 4	LBP	0.7	6.8
23	Paint	mg / cm ^2	Final	BATHTUB	CERAMIC	C	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM	LCP	0.7	0.05
24	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	GREEN	1234 20th ST	SECOND	UNIT B ROOM 6	LBP	0.7	7.8
25	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	B	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM 6	LCP	0.7	0.01
27	Paint	mg / cm ^2	Final	PATIO GAURDRAIL	METAL	D	INTACT	WHITE	1234 20th ST	SECOND	UNIT C BALCONY	LCP	0.7	0.09
28	Paint	mg / cm ^2	Final	ROOF TRIM	METAL	D	INTACT	BEIGE	1234 20th ST	SECOND	UNIT C BALCONY	LCP	0.7	0.22
29	Paint	mg / cm ^2	Final	WALL	STUCCO	A	INTACT	BEIGE	1242 20th ST	FIRST	EXT UNIT E	Negative	0.7	0
30	Paint	mg / cm ^2	Final	STAIR RAIL	METAL	A	INTACT	BLACK	1242 20th ST	FIRST	EXT	Negative	0.7	0
31	Paint	mg / cm ^2	Final	GUTTER DRAIN	METAL	D	INTACT	BEIGE	1242 20th ST	FIRST	EXT	LCP	0.7	0.03
34	Paint	mg / cm ^2	Final	KITCHEN SINK	CERAMIC	D	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 2	LCP	0.7	0.05
35	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 5	LBP	0.7	2.1
37	Paint	mg / cm ^2	Final	COUNTER TOP	CERAMIC	B	INTACT	TAN	1242 20th ST	SECOND	UNIT C ROOM 5	Negative	0.7	0
39	Paint	mg / cm ^2	Final	WALL	PLASTER	C	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 6	Negative	0.7	0
40	Paint	mg / cm ^2	Final	WINDOW SILL	PLASTER	C	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 6	LCP	0.7	0.02
41	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BLUE	1242 20th ST	SECOND	UNIT B ROOM 1	LCP	0.7	0.04
43	Paint	mg / cm ^2	Final	TOILET	CERAMIC	B	INTACT	GREEN	1242 20th ST	SECOND	UNIT A ROOM 5	LCP	0.7	0.03
44	Paint	mg / cm ^2	Final	FLOOR TILE	CERAMIC	B	INTACT	WHITE	1242 20th ST	FIRST	UNIT E ROOM 2	LCP	0.7	0.04

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Appendix G
Table 3.1 - Lead XRF Results (LBP)

TABLE 3.1 - LEAD XRF SA RESULTS
LEAD-BASED PAINTS (≥0.7 mg/cm2)
1234 AND 1242 20TH STREET
SANTA MONICA, CALIFORNIA 90404

Reading No	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Floor	Room	LCP/LBP Results	Action Level	PbC
17	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	YELLOW	1234 20th ST	FIRST	UNIT A ROOM 2	LBP	0.7	10.1
22	Paint	mg / cm ^2	Final	SINK	CERAMIC	B	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM 4	LBP	0.7	6.8
24	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	GREEN	1234 20th ST	SECOND	UNIT B ROOM 6	LBP	0.7	7.8
35	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	C	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 5	LBP	0.7	2.1

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Appendix H
Table 3.2 - Lead XRF Results (LCP)

TABLE 3.2 - LEAD XRF SA RESULTS
LEAD-CONTAINING PAINTS (≥0.1 mg/cm2 and ≤0.7 mg/cm2)
1234 AND 1242 20TH STREET
SANTA MONICA, CALIFORNIA 90404

Reading No	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Floor	Room	LCP/LBP Results	Action Level	PbC
5	Paint	mg / cm ^2	Final	WALL	STUCCO	B	INTACT	YELLOW	1234 20th ST	EXT		LCP	0.7	0.01
6	Paint	mg / cm ^2	Final	HANDRAIL	METAL	A	INTACT	BLACK	1234 20th ST	EXT		LCP	0.7	0.08
8	Paint	mg / cm ^2	Final	SIDING	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	UPSTAIRS	LCP	0.7	0.12
9	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.12
10	Paint	mg / cm ^2	Final	DOOR TRIM	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.14
11	Paint	mg / cm ^2	Final	GARAGE DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	EXT	LAUNDRY	LCP	0.7	0.19
12	Paint	mg / cm ^2	Final	SUPPORT POLE	METAL	A	INTACT	YELLOW	1234 20th ST	FIRST	GARAGE	LCP	0.7	0.03
15	Paint	mg / cm ^2	Final	WALL	PLASTER	D	INTACT	PINK	1234 20th ST	FIRST	UNIT A ROOM 1	LCP	0.7	0.3
18	Paint	mg / cm ^2	Final	FLOOR TILE	CERAMIC	A	INTACT	BEIGE	1234 20th ST	FIRST	UNIT A ROOM 3	LCP	0.7	0.01
20	Paint	mg / cm ^2	Final	TOILET	CERAMIC	B	INTACT	WHITE	1234 20th ST	FIRST	UNIT A ROOM 2	LCP	0.7	0.01
21	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BEIGE	1234 20th ST	FIRST	UNIT B ROOM 1	LCP	0.7	0.13
23	Paint	mg / cm ^2	Final	BATHTUB	CERAMIC	C	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM	LCP	0.7	0.05
25	Paint	mg / cm ^2	Final	WALL TILE	CERAMIC	B	INTACT	WHITE	1234 20th ST	SECOND	UNIT B ROOM 6	LCP	0.7	0.01
27	Paint	mg / cm ^2	Final	PATIO GUARDRAIL	METAL	D	INTACT	WHITE	1234 20th ST	SECOND	UNIT C BALCONY	LCP	0.7	0.09
28	Paint	mg / cm ^2	Final	ROOF TRIM	METAL	D	INTACT	BEIGE	1234 20th ST	SECOND	UNIT C BALCONY	LCP	0.7	0.22
31	Paint	mg / cm ^2	Final	GUTTER DRAIN	METAL	D	INTACT	BEIGE	1242 20th ST	FIRST	EXT	LCP	0.7	0.03
34	Paint	mg / cm ^2	Final	KITCHEN SINK	CERAMIC	D	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 2	LCP	0.7	0.05
40	Paint	mg / cm ^2	Final	WINDOW SILL	PLASTER	C	INTACT	WHITE	1242 20th ST	SECOND	UNIT C ROOM 6	LCP	0.7	0.02
41	Paint	mg / cm ^2	Final	DOOR	WOOD	A	INTACT	BLUE	1242 20th ST	SECOND	UNIT B ROOM 1	LCP	0.7	0.04
43	Paint	mg / cm ^2	Final	TOILET	CERAMIC	B	INTACT	GREEN	1242 20th ST	SECOND	UNIT A ROOM 5	LCP	0.7	0.03
44	Paint	mg / cm ^2	Final	FLOOR TILE	CERAMIC	B	INTACT	WHITE	1242 20th ST	FIRST	UNIT E ROOM 2	LCP	0.7	0.04

northgate
environmental management, inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Commercial Properties - Crematorium & Apartment Housing
1925 Arizona Street & 1242 20th Street
Santa Monica, California

Prepared For:

Orange Romaine (LA), LLC
4700 Wilshire Boulevard
Santa Monica, California 90010

Prepared By:

Northgate Environmental Management, Inc.
24411 Ridge Route Drive, Suite 130
Laguna Hills, California 92653

June 12, 2015

Project No. 2050.06.01

Phase I Environmental Site Assessment

Commercial Properties - Crematorium & Apartment Housing
1925 Arizona Street & 1242 20th Street
Santa Monica, California

June 12, 2015

Prepared For:

Orange Romaine (LA), LLC
4700 Wilshire Boulevard
Santa Monica, California 90010

Prepared By:

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24411 Ridge Route Drive, Suite 130
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Derrick S. Willis
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Staff Scientist

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C Agency Records for Off-Site Sources
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E The EDR Certified Sanborn® Map Report
F The EDR Historical Topographic Map Report
G The EDR-City Directory Abstract
H Phase I Environmental Site Assessment Questionnaire
I Environmental Professional Qualifications

1.0 EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by Northgate Environmental Management, Inc. (Northgate) for Orange Romaine (LA), LLC ("the Client") at 1925 Arizona Street & 1242 20th Street in the City of Santa Monica, California (the Site). The Site consists of two parcels of land, cumulatively totaling approximately 1.03 acres of land. The Site is developed as a mortuary/crematorium and a separate multi-family apartment building.

Our review indicates that the Site was initially developed during the 1910s for residential use. Historically, the eastern portion of the subject property has been operational as a funeral home facility since approximately 1933. According to interviewed personnel during Site reconnaissance, cremation processes were never conducted on-Site

The Site is currently occupied by an active mortuary structure and a separate multi-family apartment building. The mortuary building is located on the eastern portion of the subject property and contains a reception area, offices, restrooms and a showroom with displays of tombstones, caskets and other items available for purchase. Multiple rooms utilized for storage, flower delivery, record keeping and visitation are located on the first floor along with a kitchen for the funeral room staff. The second floor of the mortuary building is utilized as office and conference rooms. Previously, this space was utilized by two, two-bedroom apartments. Two storage sheds were identified on the northwestern side of the mortuary building and contained décor and administrative files. A chapel is located at the northern end of the first floor. A non-operational preparation room was historically utilized one the first floor of the building. Embalming activities utilizing formaldehyde were conducted on-Site. Waste was reportedly disposed of via sewer lines connected to the City of Santa Monica's sewer system. According to interviewed personnel, the preparation room is currently only used for storage.

A garage was located adjacent to the former preparation room and currently is used for the storage of two funeral home vehicles and decorations. A former automobile service bay, not accessible during Site reconnaissance, was observed to be covered with wood-board. Though this garage had not been utilized for many years, it had historically been used for vehicle maintenance. A vent pipe was observed in the vicinity of the former automobile service bay; though no other indicators of an underground storage tank (UST) or aboveground storage tank (AST) were observed on-Site.

The apartment building located on the western portion of the subject property was reportedly constructed in the mid-1960s and has been occupied by private individuals. This building

contains ten apartment units (one studio, eight one bedroom units and one two bedroom unit). Paved parking was present to the north of the apartment building. The Site was not identified on any regulatory database.

The Site has existed in an area of Arizona Street and 20th Street that has been developed with mostly residential facilities (including dwellings, flats, and apartment buildings), auto garages and churches since circa the 1920s. Between circa 1920 and 1950, the area experienced rapid growth and was mostly developed by the 1950s. A church has existed to the northwest of the subject property under varying names since circa the 1950s. Several auto garages were located along the alleyway to the south of the subject property and were identified on the Environmental Data Resources (EDR) Historic Auto Station databases.

In summary, we have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 1925 Arizona Street & 1242 20th Street in Santa Monica, California. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the property except for the following:

- The subject property has existed in a mixed-use neighborhood since circa the 1950s. Properties along the alleyway to the south of the subject property and topographically crossgradient were identified as auto garages and historical auto stations until the late 1990s. Additionally, several drycleaners were identified along Wilshire Boulevard to the northwest and topographically upgradient. Although no records of contamination were identified as part of the regulatory review, the potential for soil contamination and groundwater contamination cannot be ruled out based on the long-term and historic applications of the Site vicinity.
- During Site reconnaissance, a service bay where historical vehicle maintenance occurred was not accessible. A vent pipe was observed to extend the length of the garage wall and vent at the roof in the vicinity of the former automobile service bay located at the mortuary building. No records of registered USTs or ASTs were identified; however, the vent pipe indicates that a tank may exist on-Site.

Our review also identified the following potential environmental concern:

- Based on the age of the structure, it is possible that asbestos containing material (ACMs) and lead based paints (LBPs) are potentially present in building materials within the structure.

Northgate recommends the following:

- Clearance of the garage area for access and detailed inspection;
- Conduct a Ground Penetrating Radar (GPR) survey to determine the presence or absence of a possible UST associated with the former automobile service bay at the mortuary building;
- Conduct a soil, soil vapor, and groundwater investigation to evaluate whether impacted soil or groundwater is present on the property and to evaluate whether mitigation may be required;
- Develop a soil management plan to address any potentially impacted soil that could be encountered during development; and
- Conduct a survey for ACMs and LBPs and prepare an operations and maintenance plan for managing any identified hazardous materials.

2.0 INTRODUCTION

This report presents the results of a Phase I ESA performed by Northgate for the Client at the Site located at 1925 Arizona Street & 1242 20th Street in the City of Santa Monica, California. The Site consists of approximately 1.03 acres of land developed with a mortuary/crematorium and a separate apartment building. A Site Location Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

2.1 Purpose

The purpose of this ESA has been to acquire and review information regarding the history of activities on the Site and adjacent areas to evaluate the potential for on-Site soil, groundwater, and/or soil vapor contamination. Northgate has endeavored to perform the ESA in general conformance with the scope and limitations of ASTM E-1527-13, *Standard Practices for Environmental Site Assessments* and 40 CFR Part 312, *Standards and Practices for All Appropriate Inquiry – Final Rule*.

2.2 Scope of Services

This investigation was performed Nicky Galloway, Project Engineer and Hope Maxwell, Staff Scientist. The scope of work for the investigation included the following services:

- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, previous reports, and other information, and discussions with individuals familiar with the Site, if available;
- Review of environmental lien documents (Title Reports) for the Site provided by the Client;
- A reconnaissance of the Site and near vicinity;
- Discussions with regulatory officials and review of regulatory agency publications and files, as applicable;
- A review of historic aerial photographs, city directories, and maps of the Site; and
- Preparation of this report.

2.3 Limitations and Exceptions

2.3.1 Limitations

The purpose of an environmental assessment is to reasonably evaluate the potential for, or actual impact of, past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. No investigation is thorough enough to absolutely rule out the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the Site that cannot be identified by visual observation. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at un-sampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

Where the scope of services is limited to interview and/or review of readily available reports and literature, any conclusions and/or recommendations are necessarily based largely on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed by Northgate.

Any opinions and/or recommendations presented apply to Site conditions existing at the time of performance of services. We are unable to report on, or accurately predict, generally unforeseeable events that may impact the Site following performance of services, whether occurring naturally or caused by external forces. Therefore, we cannot assume responsibility for such events or their impact. We also cannot assume responsibility for changes in environmental standards, practices, or regulations.

2.3.2 Exceptions

The time intervals between some historical information sources may exceed five (5) years, due to the availability of such records. However, in our opinion, this does not significantly impact our ability to evaluate historic land use conditions at the Site.

At the time this report was prepared, response to request for file reviews were not received from the City of Santa Monica Fire Department and the City of Santa Monica Office of Sustainability and the Environment. This represents a data gap that could potentially impact our ability to evaluate environmental conditions at the Site. Northgate will provide an updated addendum or report once the requested have all been received and reviewed if the results of the file reviews change the conclusions and recommendations presented.

Northgate was not provided with a completed owner questionnaire, which constitutes a data gap. Based on the information compiled from other historic resources, this data gap is not expected to impact the findings of this assessment.

2.4 User Reliance

This report has been prepared for the exclusive use of the Client, and its parent corporations, subsidiaries, affiliates, partner, partnerships, and lenders in evaluating environmental conditions at the Site. Others may not use or rely on the information contained in this report without the express written consent of Northgate.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Site consists of approximately 1.03 acres of improved land located at 1925 Arizona Street & 1242 20th Street in the City of Santa Monica, California. The Site consists of two parcels identified as Assessor's Parcel Numbers (APNs) 4276-013-032 and -033 in Los Angeles County. A Site Location Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

3.2 Site and Vicinity General Characteristics

The Site consists of approximately 1.03 acres of land developed as a crematorium/mortuary and a separate apartment building.

The mortuary consists of a two-story masonry and stucco construction building that has been operational since 1933. The entry to the mortuary structure includes a reception area, two offices, and a restroom area. A gas fireplace is present in the reception area. A vault is also located in this area and is utilized for the storage of jewelry, contracts, checks, and any cremated remains that have been brought on Site. A showroom is located just beyond the reception area and includes displays of tombstones, caskets, and other items available for purchase. There are multiple rooms on the first floor that are utilized as, offices, visitation rooms, a flower delivery and storage area, file storage and a kitchen. A chapel is present in the northern end of the first floor. A former preparation room is located on the first floor of the structure, adjacent to the casket showroom and along the alley. This room was previously utilized for the embalming process but has not been operational for years and it is presently used for storage. The second floor consists of two former apartments, both consisting of two bedrooms and one bathroom, that have been converted to conference rooms, staff offices, storage rooms, and filing areas. No hazardous materials or potential environmental concerns were observed in any of these areas.

A garage is located adjacent to the former preparation room and is presently used for the storage of two vehicles, a hearse and a delivery van, as well as supplies including coffins, decorations, church pews, and more. A storage cabinet containing several containers of paint used for touch up (approximately one gallon or less each), was present in the garage. A former automobile service bay was also present in the northwestern portion of the garage. In addition, a vent pipe was observed to extend the length of the garage wall and vent at the roof in the vicinity of this former automobile service bay. No other evidence of any USTs or ASTs was observed, but this pipe may be indicative of a former gasoline or waste oil tank.

Two storage sheds are located outside the northwestern side of the mortuary and are utilized for the storage of files, decorations, church pews, and similar materials. An apartment building comprised of ten apartment units (one studio unit, eight one bedroom units, and a two bedroom unit) was located northwest beyond these storage structures. The remainder of the Site is covered as an asphalt paved parking lot with de minimus staining present in this area. Trash dumpsters are located in the alley to the southeast of the structures and a sewer manhole was observed in the alley outside of the mortuary.

The Site is bordered to southeast by Arizona Street, to the northeast by 20th Street and by an alleyway to the south. The Site is directly west of the intersection of Arizona Street and 20th Street. The Site vicinity is primarily occupied by residential tenants (apartments, and multi-family, dwellings) with some medical and commercial development dispersed throughout. A church is present to the northwest of the subject property near Wilshire Boulevard. A medical office is located across the intersection of Arizona Street and 20th Street.

3.3 Geology and Groundwater

3.3.1 Geology

The Site is located in Los Angeles County within the Hollywood Basin, south of the Santa Monica Mountains and west of the Pacific Ocean. According to the Geologic Map of the, the Site is underlain by quaternary alluvium and marine deposits. This rock formation is of Pliocene and Holocene age and originates from alluvium. These deposits are unconsolidated and semi-consolidated. Additionally, these deposits are mostly nonmarine; however; marine deposits are present closer to the cost.

3.3.2 Groundwater

The Site lies within the Hollywood Groundwater Basin and is underlain by the Lakewood formation, which includes the Ballona aquifer. Information from nearby geological monitoring investigations indicates groundwater in the Site vicinity was reported at depths of approximately 50 feet bgs.

3.4 Current Use of the Property

The Site is currently developed as a crematorium/mortuary and a multi-family apartment building.

3.5 Description of Structures, Roads, Sewage, and Potable Water Sources

The Site is developed with a two-story masonry and stucco mortuary building and separate multi-family apartment building. Additionally, two storage sheds are located on the subject property in addition to paved parking areas to the north of the apartment building and to the west of the mortuary building. Water and sewage connections to the Site are provided by the city of Santa Monica.

3.6 Current Uses of Adjoining Properties

The Site is bordered to the north by a church followed by a school, then a Walgreens including a pharmacy and Wilshire Boulevard. The Site is bordered to the east by 20th Street followed by several residential apartment buildings. Arizona Avenue followed by residential apartment buildings bordered the Site to the south. The Saint John's Medical Plaza is located to the southeast of the Site beyond the intersection of Arizona Avenue and 20th Street. The Site is bordered to the west by an alley followed by residential apartment buildings. The Site vicinity is primarily occupied by residential development with some medical facilities and commercial development dispersed throughout the area.

4.0 USER PROVIDED INFORMATION

4.1 Environmental Liens or Activity Use Limitations

Northgate contracted with EDR to search for environmental lien documents associated with the subject property. Based on a review of the October 16, 1986 dated Deed between Gates Kingsley & Gates, Inc. and Gate King Properties, Inc., no environmental liens or activity use limitations (AULs) were identified against the subject property. The document is attached as Appendix A (EDR, 2015a).

4.2 Valuation Reduction for Environmental Issues

Northgate was not provided with any information indicating that the property values of the Site had been reduced due to environmental issues.

4.3 Owner, Property Manager, and Occupant Information

The Site is owned by Gates Kingsley & Gates, Inc. The Site is utilized as a crematorium/mortuary and multi-family apartment building.

4.4 Specialized Knowledge

The Client has not indicated that it possesses any specialized knowledge regarding the Site.

4.5 Reason for Performing the Phase I ESA

The Client intends to purchase the Site for redevelopment.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

To determine if the Site has documented environmental concerns, or if other sites with documented environmental concerns exist within the search radii of the Site prescribed by ASTM 1527-13 and *All Appropriate Inquiry*, Northgate reviewed a summary of regulatory agency databases prepared by EDR.

The EDR report presenting a summary of the agency databases reviewed and a map showing the location of the identified facilities is provided as Appendix B (EDR, 2014b). The results of the database search and internet follow-up agency file review are summarized below.

5.1.1 Site

The Site was not identified on any of the regulatory databases searched by EDR.

5.1.2 Off-Site Sources

The regulatory agency database search prepared by EDR indicates the presence of 134 agency listings for facilities within an approximate one-mile radius of the Site. Facilities with releases impacting groundwater located within 0.25-mile upgradient and/or cross gradient of the Site, or otherwise judged to be of potential impact to soil or groundwater quality at the Site, are summarized in the table on the following pages. Relevant documents pertaining to the reviews are located in Appendix C.

Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
1239 19th Street	EDR Historic Auto Station	Approximately 100 feet south and crossgradient of the Site	This facility was identified on the EDR Historic Auto Station database. The address was identified in 2006 and listed as "Medical Engine." No other information was provided.
St. John's Medical Plaza – 1301 20th Street	CA FID UST, SWEEPS UST,	Approximately 300 feet east and downgradient of the Site	This facility was listed on the CA FID UST and SWEEPS UST databases. According to the SWEEPS database, one 1,000-gallon diesel UST is reportedly associated with this property. No records of a release to soil or groundwater were found to be associated with this tank.
Foreign Car Service – 1209 19th Street	RCRA, FINDS	Approximately 475 feet northwest and upgradient of the Site	This facility is listed on the RCRA-NonGen and FINDS databases. According to the database report, this facility previously had a generator on-Site to dispose of hazardous waste associated with dry-cleaning operations. No violations were found in association with this prior generator.
John Leeds – 2002 Wilshire Boulevard	EDR Historic Auto Station	Approximately 500 feet northwest and upgradient of the Site	This facility was identified on the EDR Historic Auto Station database. The address was identified in 1948 and 1954 as a gasoline and oil service station. No other information was provided.
Park Avenue Cleaners – 1902 Wilshire Boulevard	EDR Historic Cleaners	Approximately 500 feet west-northwest and upgradient of the Site	This facility was identified on the EDR Historic Cleaners database. This facility was listed as Park Avenue Cleaners from 2001 until 2012. No additional information was provided.
D R Shawyer – 1914 Wilshire Boulevard	EDR Historic Auto Station	Approximately 600 feet northwest and upgradient of the Site	This facility was identified on the EDR Historic Auto Station database. According to the database report, this facility operated as an automobile repairing facility (D R Shawyer) from 1928 until 1948. No other listings were identified on this property.
Hallmark Cleaners – 1907 Wilshire Boulevard	EDR Historic Cleaners, CA DRYCLEANERS, CA EMI, RCRA-SQG, FINDS	Approximately 600 feet northwest and upgradient of the Site	This facility was identified on the EDR Historic Cleaners database, CA DRYCLEANERS, CA EMI, RCRA-SQG and FINDS database. According to the database report, this facility has been operational as a dry-cleaning facility since 1948. This facility was identified as a dry-cleaning and laundry services facility, specifically for power laundries, family and commercial. An inactive date was listed of June 30, 2011. This facility was also identified in the EMI database for 1987, 1990, 1993 and 1995. A small-quantity generator was present at this facility to dispose tetrachloroethylene and halogenated solvents. No violations were found in association with this generator.

5.2 Additional Environmental Record Sources

Northgate contacted local regulatory agencies for information regarding the use or storage of hazardous materials at the Site. During the course of the review the following agencies were contacted for environmental records:

- Department of Toxic Substances Control (DTSC) EnviroStor web site;
- State Water Resources Control Board (SWRCB) GeoTracker web site;
- City of Santa Monica Fire Department;
- City of Santa Monica Office of Sustainability and the Environment;
- Los Angeles County Department of Public Works; and
- South Coast Air Quality Management District (SCAQMD).

The results of our review are described in the following sections.

5.2.1 DTSC EnviroStor Web Site

The Site was not listed on the DTSC EnviroStor website and no files were available to review for the property.

5.2.2 SWRCB GeoTracker Web Site

The Site was not mapped on the GeoTracker database and no files were available to review for the property.

5.2.3 Santa Monica City Fire Department

Northgate submitted a file review request with the City of Santa Monica Fire Department. At the time this report was prepared, no response had been received from the City of Santa Monica Fire Department.

5.2.4 Los Angeles County Department of Public Works

The Los Angeles County Department of Public Works did not have any records on file for the Site. Northgate reviewed the Los Angeles County Department of Public Works online file review system for industrial waste, USTs, and stormwater. No records were maintained for the Site addresses.

5.2.5 SCAQMD

The SCAQMD had no permits or inspections reports for the Site.

5.3 Other Environmental Issues

Northgate performed a reconnaissance-level evaluation of other environmental issues, as outlined in Section 13.1.5 of ASTM E1527-13.

5.3.1 Floodplain Maps

Northgate viewed an online version of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Los Angeles County, Map #06037C 1590F with an effective date of September 26, 2008. According to the FIRM, the Sites are located in Flood Zone X – areas determined to be outside the 0.2-percent annual chance floodplain (FEMA, 2008). The Site does not lie within the 100- or 500-year flood zones.

5.3.2 Radon

The California Department of Health Services' (DHS's) online list of indoor radon levels indicates that radon concentrations from11 indoor air sample collected in zip code area 90404 was less than 4.0 pico-curies per liter (pCi/L) (DHS, 2010). According to the EDR Radius Report (Appendix B), the federal Environmental Protection Agency (EPA) radon zone for Los Angeles County is Zone 2 (indoor average level greater than or equal to 2 pCi/L and less than or equal to 4 pCi/L).

The State of California Division of Drinking Water and Environmental Management maintains a database of radon test results indicating that out of 63 samples collected in Los Angeles County in California, in the living area-first floor, 2% exceeded 4 pCi/L. The DHS and the EPA recommend that some form of mitigation be conducted for houses with indoor radon concentrations of 4 pCi/L or greater.

These results indicate that radon gas does not appear to constitute a significant environmental concern at the Sites.

5.3.3 Oil and Gas Wells

According to the EDR GeoCheck® - Physical Setting Source Addendum, located in the Radius Report (Appendix B), there is one oil well located within 1 mile of the Site. This well is located to the northeast (crossgradient) of the Site within ½ to 1 mile. Information available on the Division of Oil, Gas & Geothermal Resources (DOGGR) web site indicates that no active or abandoned oil/gas wells are present on the Site. No wells appear to represent an environmental concern to the Sites based on their relative locations, distances, and/or status.

5.4 Land Use History

Information on historical land use at the Sites and adjacent area was evaluated by reviewing historic aerial photographs, maps, and other documents. A summary of our investigation findings is presented below.

5.4.1 Aerial Photographs

Northgate reviewed historic aerial photographs of the Sites from 1928, 1938, 1947, 1952, 1964, 1967, 1972, 1977, 1983, 1989, 1994, 2002, 2005, 2009, 2010 and 2012 obtained from EDR (EDR, 2014c). Copies of the aerial photographs are provided in Appendix D. A summary of our aerial photograph review is presented below.

Year: 1928	**Scale:** 1" = 500'	**Source:** USGS
The Site is located south of 20th Street and northwest of Arizona Avenue. An alleyway is located to the south and west of the Site. The Site is shown as north of West Pico Boulevard and east of South La Brea Avenue. The Site is shown as developed with one building located near Arizona Avenue. An additional building appears to be located on the northwestern portion of the Site. The Site vicinity appears to be mostly residential with some development still occurring. Open land is depicted between dwellings.		
Year: 1938	**Scale:** 1" = 500'	**Source:** USGS
The Site is appears to be developed with one large building located near Arizona Avenue and two smaller buildings located along the southwestern perimeter of the property by the alleyway. 20th Street is located to the north followed by some vacant lots and residential development. The intersection of 20th Street and Arizona Avenue is located to the east followed by a school building. Arizona Avenue trends to the southwest with residential and multi-family development depicted along this road. Properties to the southwest beyond the alleyway appear to be mostly undeveloped with a few scattered structures.		
Year: 1947	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appears similar to the 1938 photograph.		
Year: 1952	**Scale:** 1" = 500'	**Source:** USGS
The Site appears to be developed with a large, irregular-shaped building abutting Arizona Avenue to the southeast. The remainder of the property appears to be paved. 20th Street is located to the north followed by residential (dwelling and multi-family) development. The intersection of 20th Street and Arizona Avenue is located to the east followed by a large, rectangular building. Development is present along the alleyway to the west.		

Year: 1964	**Scale:** 1" = 500'	**Source:** USGS
The Site appears to be developed with an irregular-shaped building abutting Arizona Avenue to the southeast and 20th Street to the north. Paved land is located to the northwest of this building. It appears there are several small structures located on the southwestern portion of the property near the alleyway. The Site vicinity appears to be similar to the 1952 map.		
Year: 1967	**Scale:** 1" = 500'	**Source:** USGS
The Site appears to be developed with an irregular-shaped building abutting Arizona Avenue to the southeast and 20th Street to the north. One square building and one rectangular building appears to be located on the southwestern portion of the subject property along the alleyway. The remainder of the subject property appears to be a paved parking lot. 20th Street was located to the north followed by dwellings and multi-family apartment buildings located along 20th Street. A church appears to be located up the block to the northwest. An alleyway appears to be located to the south followed by several dwellings and possible auto garages located along the southern side of the alley. Arizona Avenue was depicted to the south followed by multi-family apartments. The intersection of 20th Street and Arizona Avenue was depicted to the east followed by a school.		
Year: 1972	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1967 photograph		
Year: 1977	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1972 photograph		
Year: 1983	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1972 photograph.		
Year: 1989	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1983 photograph.		
Year: 1994	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1989 photograph.		
Year: 2002	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 1994 photograph.		
Year: 2005	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 2002 photograph.		
Year: 2009	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 2005 photograph.		

Year: 2010	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 2009 photograph.		
Year: 2012	**Scale:** 1" = 500'	**Source:** USGS
The Site and vicinity appear similar to the 2010 photograph.		

5.4.2 Sanborn Maps

Northgate reviewed Sanborn fire insurance maps for the Site obtained from EDR for the years 1918, 1950, 1965 and 1986. Copies of the Sanborn Maps are provided in Appendix E (EDR, 2014d). Information from the Sanborn maps is summarized below.

1918	A dwelling and a shed was depicted on the parcel abutting Arizona Avenue to the southeast. A vacant lot was depicted followed by a dwelling abutting 20th Street and a small structure abutting the alleyway to the south.
North:	20th Street was depicted to the north followed by undeveloped land with some interspersed dwellings.
South:	An alleyway was depicted to the south followed by an auto garage and a dwelling to the southwest. Arizona Avenue was depicted to the southwest. East Santa Monica Church was depicted south at the intersection of 21st Street and Arizona Avenue.
East:	The intersection of 20th Street and Arizona Avenue was depicted to the east followed by McKinley Public School.
West:	An alleyway was depicted to the west followed by one dwelling. Most of the block was not developed.

1950	The Site is developed with an irregular-shaped building labeled "Undertaker" abutting Arizona Avenue to the southeast and 20th Street to the north. A vacant lot was depicted followed by two dwellings, two small auto garage structures and an additional building located along the alleyway to the south.
North:	20th Street was depicted to the north followed by dwellings and multi-family apartment buildings located along 20th Street. Four Square Gospel Church was depicted up the block to the northwest.
South:	An alleyway was depicted to the south followed by several dwellings and an auto garage located along the southern side of the alley. Arizona Avenue was depicted to the south followed by a dwelling replacing the previous church.
East:	The intersection of 20th Street and Arizona Avenue was depicted to the east followed by McKinley Public School.
West:	An alleyway was depicted to the west followed by one dwelling. Several auto garages were depicted along the southern portion of the alleyway followed by dwellings and multi-family apartment buildings.

1965	The Site appears to have been re-parceled. An irregular-shaped building labeled "Undertaker" was depicted abutting Arizona Avenue to the southeast and 20th Street to the north. Parking is labeled to the northwest of this building. On the southwestern portion of the property near the alleyway, two structures (flat and a dwelling) were depicted.
North:	20th Street was depicted to the north followed by dwellings and multi-family apartment buildings located along 20th Street. Bethany Church was depicted up the block to the northwest.
South:	An alleyway was depicted to the south followed by several dwellings and an auto garage located along the southern side of the alley. Arizona Avenue was depicted to the south followed by multi-family apartments.
East:	The intersection of 20th Street and Arizona Avenue was depicted to the east followed by Kennedy Child Care Private School.
West:	An alleyway was depicted to the west followed by one dwelling. Several auto garages were depicted along the southern portion of the alleyway followed by dwellings and multi-family apartment buildings.

1986	The Site appears to have been re-parceled. An irregular-shaped building labeled "Undertaker" was depicted abutting Arizona Avenue to the southeast and 20th Street to the north. Parking is labeled to the northwest of this building. On the southwestern portion of the property near the alleyway, two structures (one square and one rectangular) were depicted.
North:	20th Street was depicted to the north followed by dwellings and multi-family apartment buildings located along 20th Street. The Lighthouse Church was depicted up the block to the northwest.
South:	An alleyway was depicted to the south followed by several dwellings and an auto garage located along the southern side of the alley. Arizona Avenue was depicted to the south followed by multi-family apartments.
East:	The intersection of 20th Street and Arizona Avenue was depicted to the east followed by Kennedy Child Care Private School.
West:	An alleyway was depicted to the west followed by one dwelling. Several auto garages were depicted along the southern portion of the alleyway followed by dwellings and multi-family apartment buildings.

5.4.3 Topographic Maps

Northgate reviewed historic topographic maps for the Sites obtained from EDR for the years 1896, 1900, 1901, 1902, 1920, 1934, 1950, 1966, 1972, 1981, 1994, and 1995. Copies of the topographic maps are provided in Appendix F (EDR, 2014e). Information from the topographic maps is summarized below.

Quadrangle: Santa Monica **Scale:** 1:62,500 **Series:** 15 Minute	
1896:	The Site and vicinity are shown as vacant land directly north of the Pasadena and Pacific Railroad. Wilshire Boulevard is depicted to the northwest. The downtown area of Santa Monica was depicted to the southeast followed by the Pacific Ocean. La Ballona was depicted to the south and Rincon de Los Bueyes was depicted to the east.
Quadrangle: Los Angeles **Scale:** 1:62,500 **Series:** 15 Minute	
1900:	The Site and vicinity are similar to the 1896.
Quadrangle: Southern CA Sheet 1 **Scale:** 1:250,000 **Series:** 60 Minute	
1901:	The Site and vicinity are similar to the 1896 map except that the scale has changed to include more of the vicinity.
Quadrangle: Santa Monica **Scale:** 1:62,500 **Series:** 15 Minute	
1902:	The Site and vicinity are similar to the 1900 map.
1920:	The Site is shown as vacant land. The alleyway to the south and west was depicted. A few structures were depicted beyond the alley to the south. Arizona Avenue was depicted to the southeast.
Quadrangle: Beverly Hills **Scale:** 1:24,000 **Series:** 6 Minute	
1934:	The Site is depicted as developed with a structure. An alleyway was depicted to the south and west. 20th Street was depicted to the north and Arizona Street was depicted to the east and southeast. Most surface roads in the vicinity are depicted with scattered structures located all around the surrounding areas.
Quadrangle: Beverly Hills **Scale:** 1:24,000 **Series:** 7.5 Minute	
1950	The Site and vicinity is depicted with red shading indicating dense, urban development. Wilshire Boulevard is depicted to the northwest. 20th Street is depicted to the north and Arizona Avenue is depicted to the east and southeast. McKinley School is depicted to the east of the intersection of 20th Street and Arizona Avenue.
1966	The Site and vicinity appear similar to the 1950 map.
1972	The Site and vicinity appear similar to the 1966 map.
1981	The Site and vicinity appear similar to the 1972 map.
1994	The Site and vicinity appear similar to the 1981 map.
1995	The Site and vicinity appear similar to the 1994 map.

5.4.4 City Directories

Northgate reviewed a summary of local city directory listings for the Sites and vicinity available at various intervals from 1920 to 2013, obtained from EDR. A copy of the EDR summary report is provided in Appendix G (EDR, 2014f). The subject Site address at 1925 Arizona Street was identified in the 1940, 1948, 1954, 1975, 1980, 1985, 1991, 2000, 2006, 2008 and 2013 city directories. All listings identified a funeral home operation. The oldest listing in 1940 city directory was Kingsley Gates Funeral Director. Little Chapel of the Dawn and variations of Kingsley Gates were identified in all years reviewed.

The subject Site address located at 1242 20th Street was identified in the 1970, 1975, 1980, 1985, 1991 and 2006 city directories. All listings identified private individuals with the exception of one business related listing in 1970 – Morgan Hazel Vision Training Studio.

Listings in the vicinity consisted primarily of residential (multi-family and single-family residences) and commercial properties.

5.5 Interviews

Northgate submitted an interview questionnaire to Ms. Ellen Rose, 1st Vice President of Legal for the Client. Ms. Rose indicated that she has been associated with the Site for a short period of time as the Client intends to purchase the Site. She did not indicate any specialized knowledge of the Site.

Northgate conducted a verbal interview with Mr. Jordan Baker while conducting the Site reconnaissance. Any pertinent information obtained as part of this interview has been incorporated into the relevant sections of this report.

A copy of the completed questionnaire is provided in Appendix H.

5.6 Previous Reports

Northgate was not provided with any previous reports prepared for the Site.

6.0 SITE RECONNAISSANCE

Current Site conditions were observed during a reconnaissance of the Site and near vicinity performed by Ms. Nicky Galloway of Northgate on May 27, 2015. Northgate was escorted by Mr. Jeffrey Baker of the Gates, Kingsley & Gates Moeller, Murphy Funeral Directors and Dignity Memorial mortuary. Site photographs from the reconnaissance are attached at the end of this report. A Site Plan is shown on Figure 2.

6.1 Methodology and Limiting Conditions

The Site reconnaissance was performed by traversing the Site on foot. The apartment building was currently occupied by tenants and was not able to be inspected during the reconnaissance.

6.2 General Site and Vicinity Conditions

6.2.1 Site

The Site consists of approximately 1.03 acres of land developed as mortuary and separate apartment building. The mortuary consists of a two-story masonry and stucco construction building. Mr. Baker informed Northgate that with the exception of some cosmetic repairs and minor retrofitting work conducted after the Northridge earthquake in January of 1994, the building is constructed of original materials. Mr. Baker indicated that the facility has been operational since 1933.

The entry to the mortuary structure includes a reception area, two offices, and a restroom area. A gas fireplace is present in the reception area. A vault is also located in this area and is utilized for the storage of jewelry, contracts, checks, and any cremated remains that have been brought on Site. Northgate was informed by Mr. Baker that cremation processes were never operated at the Site and no evidence of any such operations were observed during the reconnaissance. A showroom is located just beyond the reception area and includes displays of tombstones, caskets, and other items available for purchase. There are multiple rooms on the first floor that are utilized for storage of files for client records, offices, visitation rooms, a flower delivery and storage area, and a staff area including a kitchen. A chapel is present in the northern end of the first floor. No hazardous materials or potential environmental concerns were observed in any of these areas.

A former preparation room is located on the first floor of the structure, adjacent to the casket showroom and along the alley. This room was previously utilized for the embalming process. Formaldehyde was used to preserve the bodies and any waste was reported to be disposed of via the sewer lines connected to the City's sewer system. Mr. Baker informed Northgate that the

preparation room has not been operational for years and it is presently used for storage. No photos of the room are allowed by law, but signs indicating the use of formaldehyde were still posted. Several small bottles, approximately sixteen ounces or less, of isopropyl alcohol were present in the room, which were reported to be used for manicures and removing nail polish. Several boxes were present that were noted to be used for shipping urns. An eye wash station was also present. A pipe was observed to daylight in the alley outside of the former preparation room that appeared to extend through the concrete pad from the former preparation room.

A garage is located adjacent to the former preparation room and is presently used for the storage of two vehicles, a hearse and a delivery van, as well as supplies including coffins, decorations, church pews, and more. A storage cabinet containing several containers of paint used for touch-up (approximately one gallon or less each), was present in the garage. A former automobile service bay was also present in the northwestern portion of the garage. This bay was covered by a wood board and Mr. Baker indicated that it has not been utilized in many years. Several large items were stored on top of the board and the former automobile bay could not be inspected; however, it is likely that vehicle maintenance activities and oil change services were performed historically in this area. Additionally, a vent pipe was observed to extend the length of the garage wall and vent at the roof in the vicinity of this former automobile service bay. No other evidence of any USTs or ASTs was observed, but this pipe may be indicative of a former gasoline or waste oil tank. Mr. Baker indicated that he is not aware of the presence of any tanks at the Site.

The second floor consists of two former apartments, both two bedrooms and one bathroom, that have been converted to conference rooms, staff offices, storage rooms, and filing areas. No hazardous materials or potential environmental concerns were observed in any of these areas.

Two storage sheds are located outside the northwestern side of the mortuary and are utilized for the storage of files, decorations, church pews, and similar materials. An apartment building is located northwest beyond these storage structures. The apartment building was occupied by tenants and could not be accessed during the reconnaissance. Northgate was informed that this building is comprised of ten apartment units – one studio unit, eight one bedroom units, and a two bedroom unit. The remainder of the Site is covered as an asphalt-paved parking lot with de minimus staining present in this area. Trash dumpsters are located in the alley to the southeast of the structures and a sewer manhole was observed in the alley outside of the mortuary.

No chemicals, hazardous materials, or hazardous waste were observed to be used, stored, or generated at this facility.

6.2.2 Site Vicinity

The Site is bordered to the north by a church followed by a school, then a Walgreens including a pharmacy and Wilshire Boulevard. The Site is bordered to the east by 20th Street followed by several residential apartment buildings. Arizona Avenue followed by residential apartment buildings bordered the Site to the south. The Saint John's Medical Plaza is located to the southeast of the Site beyond the intersection of Arizona Avenue and 20th Street. The Site is bordered to the west by an alley followed by residential apartment buildings. The Site vicinity is primarily occupied by residential development with some medical facilities and commercial development dispersed throughout the area.

7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS

This report presents the results of a Phase I ESA performed by Northgate for the Client at 1925 Arizona Street & 1242 20th Street in the City of Santa Monica, California. The Site consists of two parcels of land, cumulatively totaling approximately 1.03 acres of land. The Site is developed as a mortuary/crematorium and a multi-family apartment building.

Our review indicates that the Site was initially developed during the 1910s for residential use. A 1918 Sanborn Map was the first historical resource reviewed that depicted the subject property as developed. One dwelling was depicted on the northern portion of the subject property abutting 20th Street with a shed located to the along the alleyway to the south. An additional dwelling was located on the location of the current-day apartment building. Historically, the eastern portion of the subject property has been operational as a funeral home facility since approximately 1933. According to interviewed personnel during Site reconnaissance, cremation processes were never conducted on-Site

The Site is currently occupied by an active mortuary structure and a separate multi-family apartment building. The mortuary building is located on the eastern portion of the subject property and contains a reception area, office areas, restrooms and a showroom with displays of tombstones, caskets and other items available for purchase. Multiple rooms utilized for storage, flower delivery, record keeping and visitation are located on the first floor along with a kitchen for the funeral room staff. The second floor of the mortuary building is utilized as office and conference rooms. Previously, this space was utilized by two, two-bedroom apartments. Two storage sheds were identified on the northwestern side of the mortuary building and contained décor and administrative files. A chapel is located at the northern end of the first floor. A non-operational preparation room was historically utilized one the first floor of the building. Embalming activities containing formaldehyde to embalm the deceased were conducted on-Site. Waste was reportedly disposed of via sewer lines connected to the City of Santa Monica's sewer system. According to interviewed personnel, the preparation room is only used for storage currently.

A garage was located adjacent to the former preparation room and currently is used for the storage of two funeral home vehicles and decoration. A former automobile service bay was not accessible during Site reconnaissance and it was observed to be covered with wood-board. Though this garage has not been utilized for many years, historically, vehicle maintenance occurred in this area of the subject property. A vent pipe was observed in the vicinity of the former automobile service bay; though no other indicators of a UST or AST were observed on-Site.

The apartment building located on the western portion of the subject property was reportedly constructed in the mid-1960s and has been occupied by private individuals. This building contains ten apartment units (one studio, eight one bedroom units and one two bedroom unit). Paved parking was present to the north of the apartment building.

The Site was not identified on any regulatory database. Additionally, the Site is not located within the Santa Monica Methane Buffer Zone; an area known to be impacted by methane related to historic oil field activities.

The Site has existed in an area of Arizona Street and 20th Street that has been developed with mostly residential facilities (including dwellings, flats, and apartment buildings), auto garages and churches since circa the 1920s. Between circa 1920 and 1950, the area experienced rapid growth and was mostly developed by the 1950s. A church has existed to the northwest of the subject property under varying names since circa the 1950s. Several auto garages were located along the alleyway to the south of the subject property and were identified on the EDR Historic Auto Station databases.

In summary, we have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 1925 Arizona Street & 1242 20th Street in Santa Monica, California. Any exceptions to, or deletions from, this practice are described in Section 2.3 of this report. This assessment has revealed no evidence of RECs in connection with the property except for the following:

- The subject property has existed in a mixed-use neighborhood since circa the 1950s. Properties along the alleyway to the south of the subject property and topographically crossgradient were identified as auto garages and historical auto stations until the late 1990s. Additionally, several drycleaners were identified along Wilshire Boulevard to the northwest and topographically upgradient. Although no records of contamination were identified as part of the regulatory review, the potential for soil contamination and groundwater contamination cannot be ruled out based on the long-term and historic applications of the Site vicinity.
- During Site reconnaissance, a service bay where historical vehicle maintenance occurred was not accessible. A vent pipe was observed to extend the length of the garage wall and vent at the roof in the vicinity of the former automobile service bay located at the mortuary building. No records of registered USTs or ASTs were identified; however, the vent pipe indicates that a tank may exist on-Site.

Our review also identified the following potential environmental concern:

- Based on the age of the structure, it is possible that ACMs and LBPs are potentially present in building materials within the structure.

Northgate recommends the following:

- Conduct a GPR survey to determine the presence or absence of a possible UST associated with the former automobile service bay at the mortuary building.
- Conduct a soil and groundwater investigation to evaluate whether impacted soil or groundwater is present on the property and to evaluate whether mitigation may be required;
- Develop a soil management plan to address any potentially impacted soil that could be encountered during development; and
- Conduct a survey for ACMs and LBPs and prepare an operations and maintenance plan for managing any identified hazardous materials.

8.0 REFERENCES

California Department of Health Services (DHS), 2010. California Indoor Radon Levels Sorted by Zip Code. Online address: http://www.cdph.ca.gov/healthinfo/environhealth/Pages/Radon.aspx.

Environmental Data Resources, Inc. (EDR), 2015a. EDR Environmental Lien and AUL Search, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404.

_____. 2015b. The EDR Radius Map™ Report with GeoCheck®, Sycamore Development, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404. May 6, 2015.

_____. 2015c. The EDR Aerial Photo Decade Package, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404. May 6, 2015.

_____. 2015d. The EDR Certified Sanborn® Map Report, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404. May 6, 2015.

_____. 2015e. The EDR Historical Topographic Map Report, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404. May 6, 2015.

_____. 2015f. The EDR-City Directory Abstract, 1925 Arizona Street & 1242 20th Street, Santa Monica, California 90404. May 6, 2015.

Federal Emergency Management Agency (FEMA). 2008. Flood Insurance Rate Map (FIRM) #06037C0603F for Santa Monica County, California.

9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Hope B. Maxwell
Project Manager

Derrick S. Willis
Principal

Qualifications of the Environmental Professionals are provided in Appendix I.

FIGURES

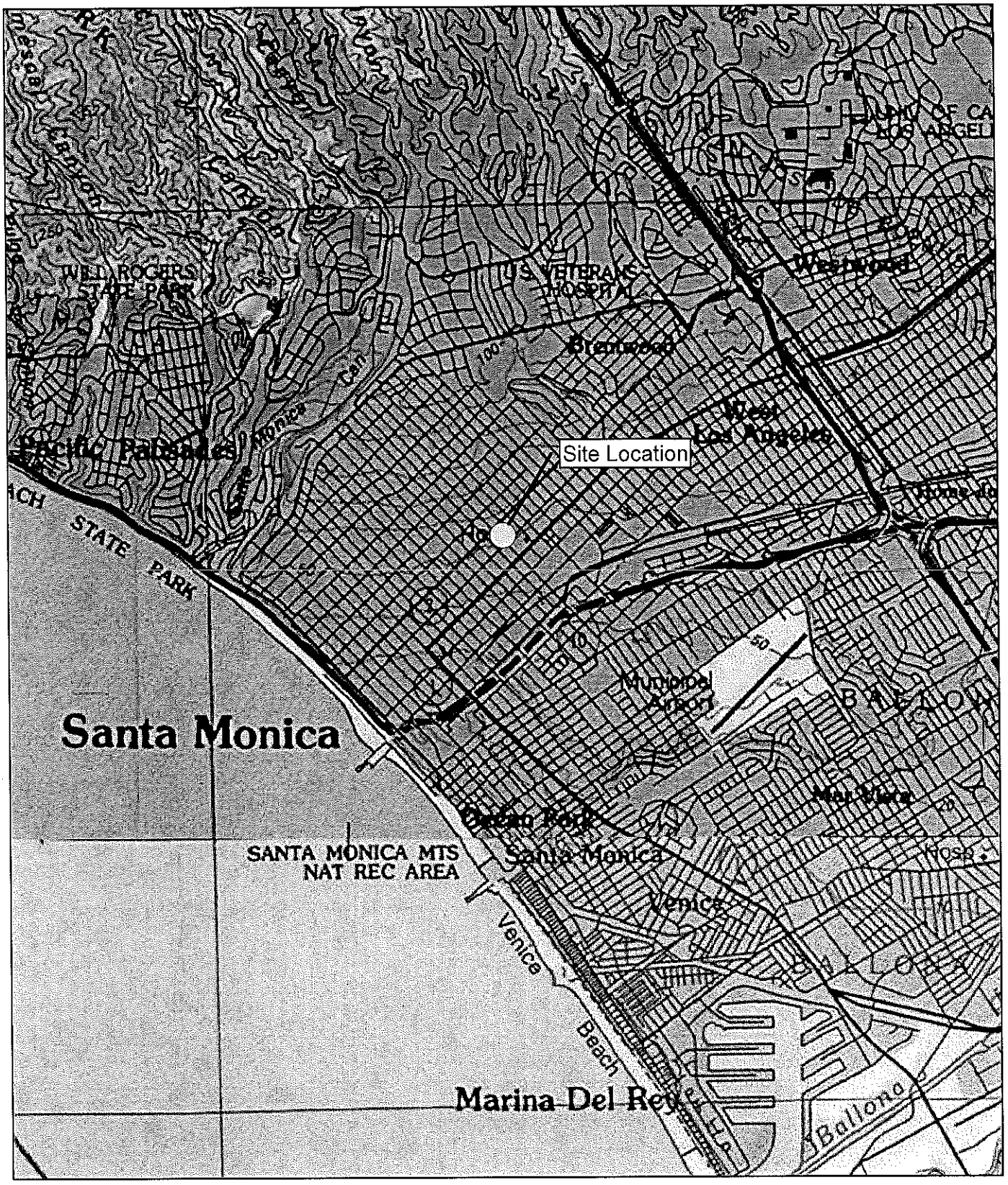
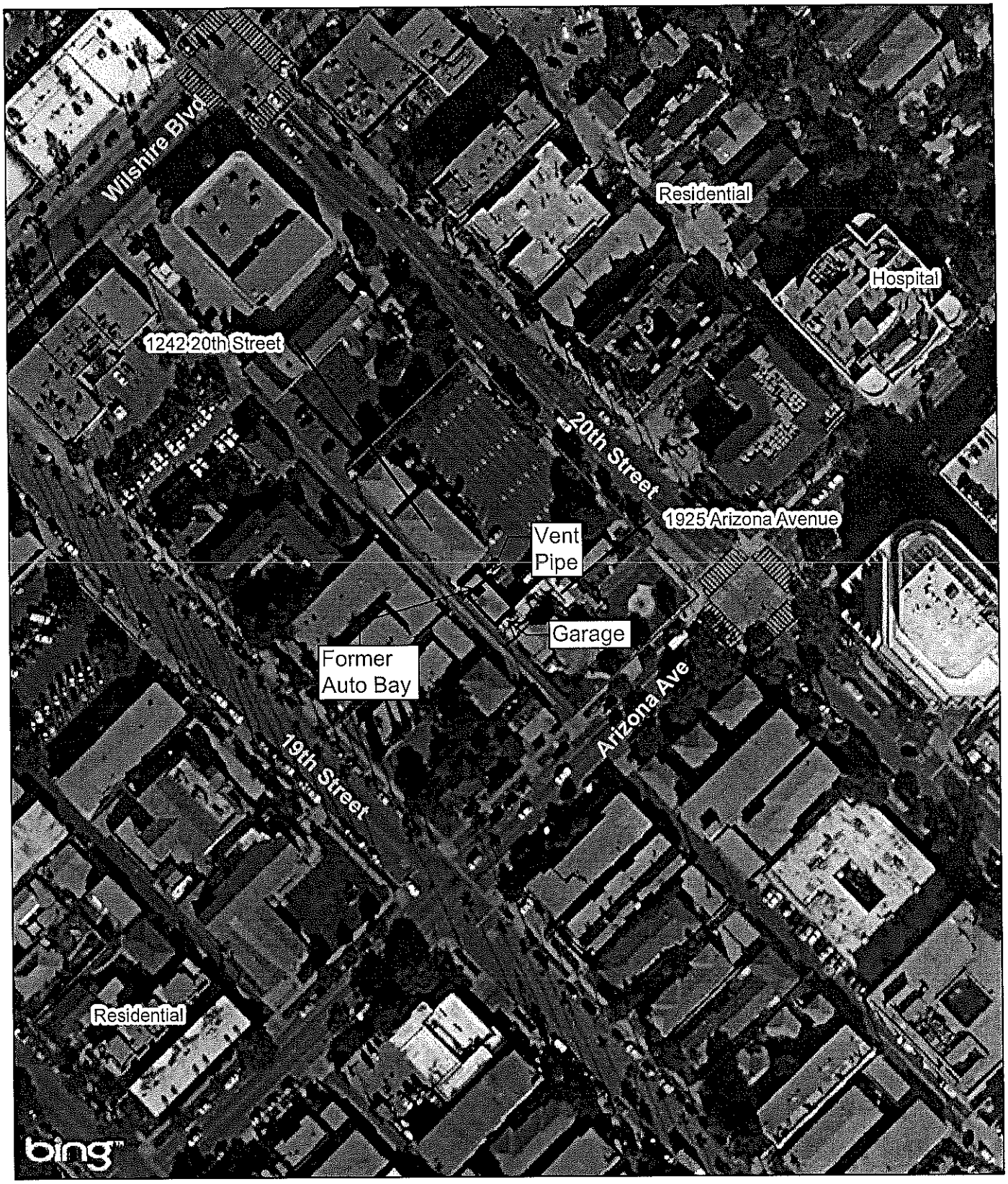


FIGURE 1
Site Location

Phase I Environmental Site Assessment
1925 Arizona Avenue and 1242 20th Street
Santa Monica, CA 90404

northgate
environmental management, inc.

Project No. 2050.06



N

Approximate Subject Site Boundary

0 62.5 125 250 Feet

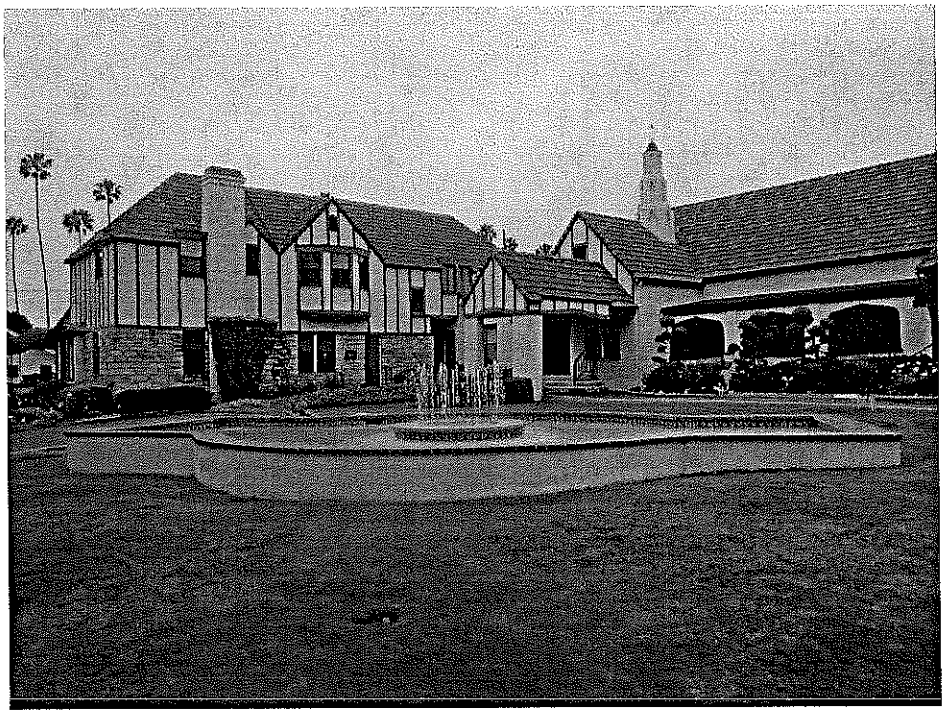
FIGURE 2
Site Plan

Phase I Environmental Site Assessment
1925 Arizona Avenue and 1242 20th Street
Santa Monica, CA 90404

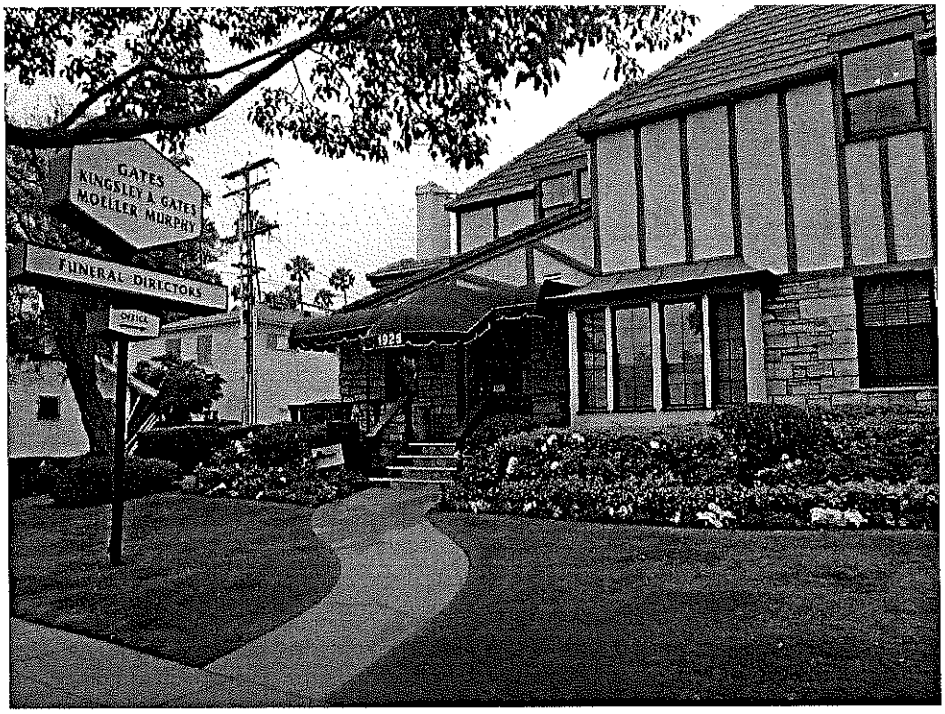
northgate environmental management, inc.

Project No. 2050.06

SITE PHOTOGRAPHS

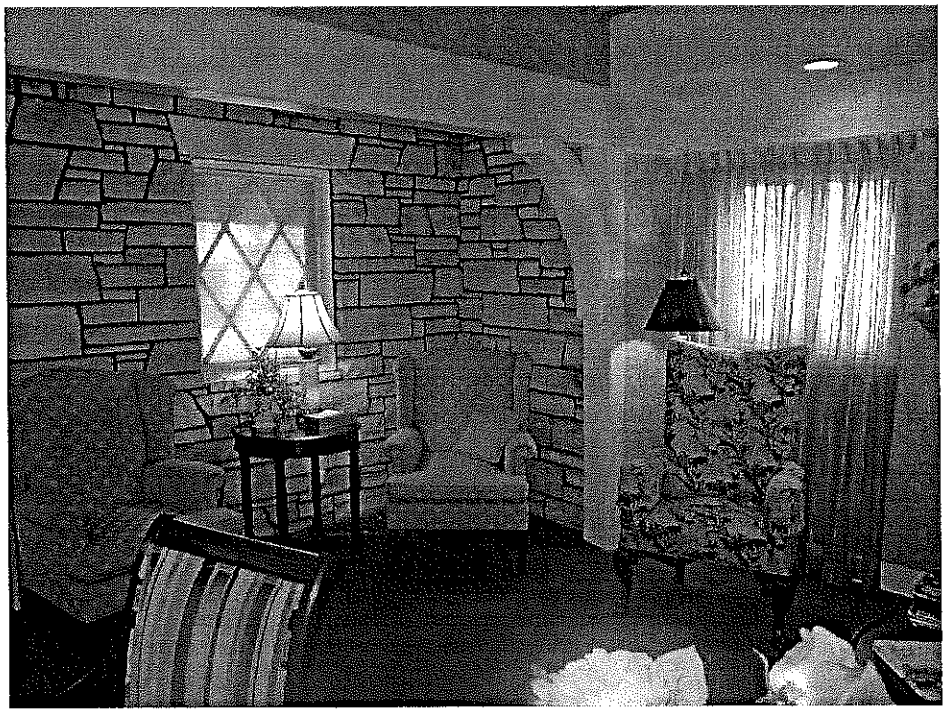


1. Exterior of mortuary building at 1925 Arizona Avenue – view facing east.

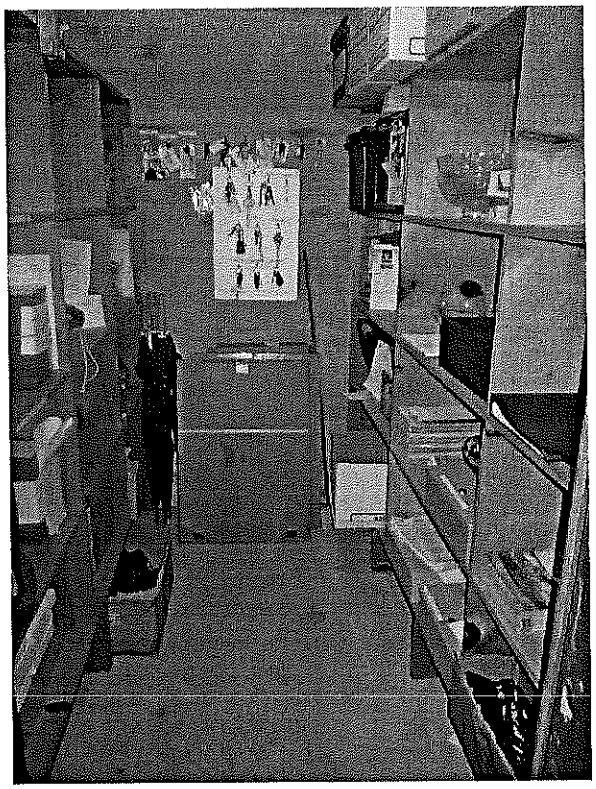


2. Exterior of mortuary building located at Site – view facing northeast.

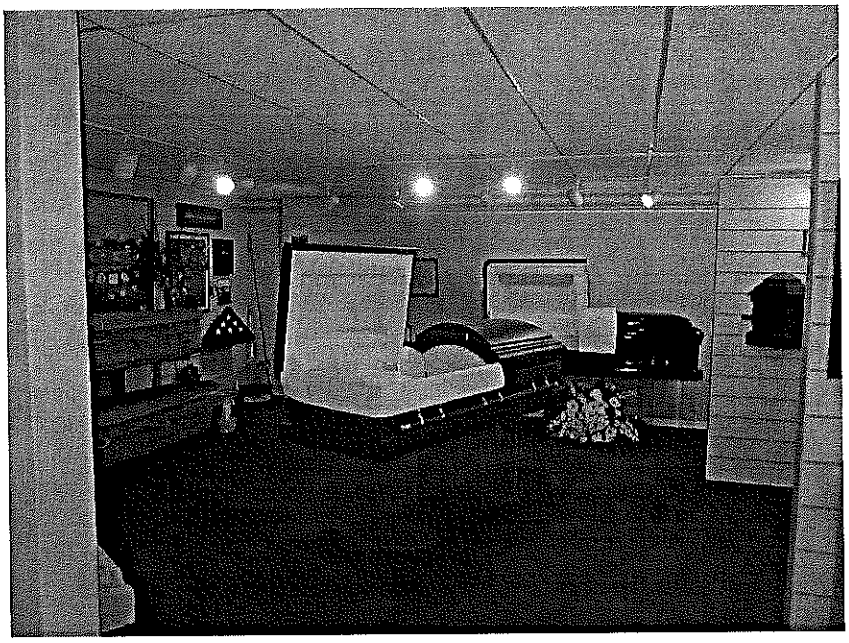
3. Exterior of Chapel portion of mortuary building located at Site – view facing south.



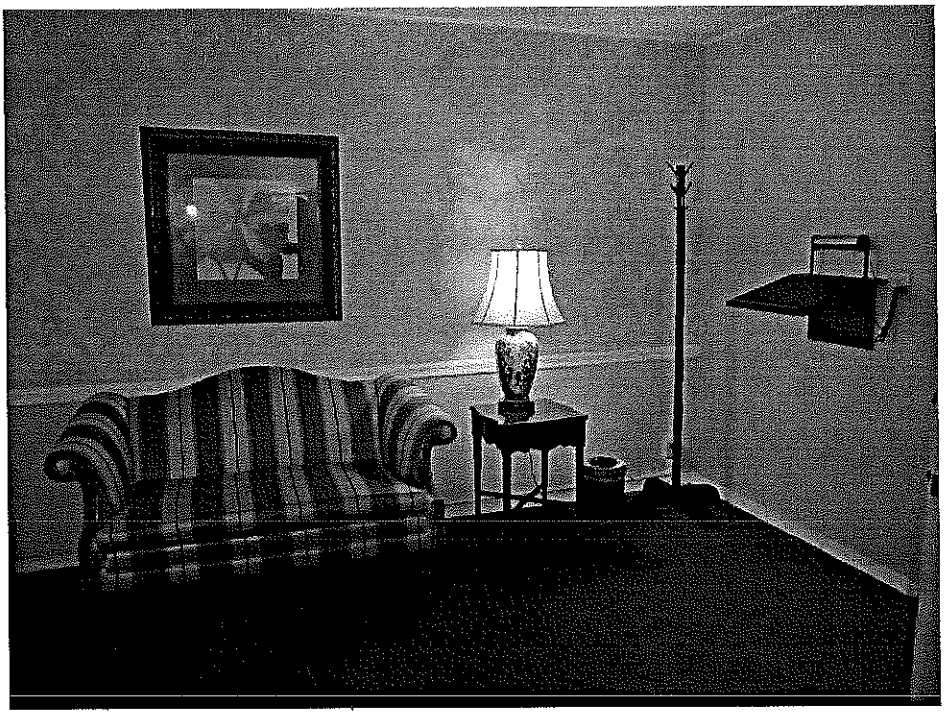
4. Interior of mortuary building, reception area.



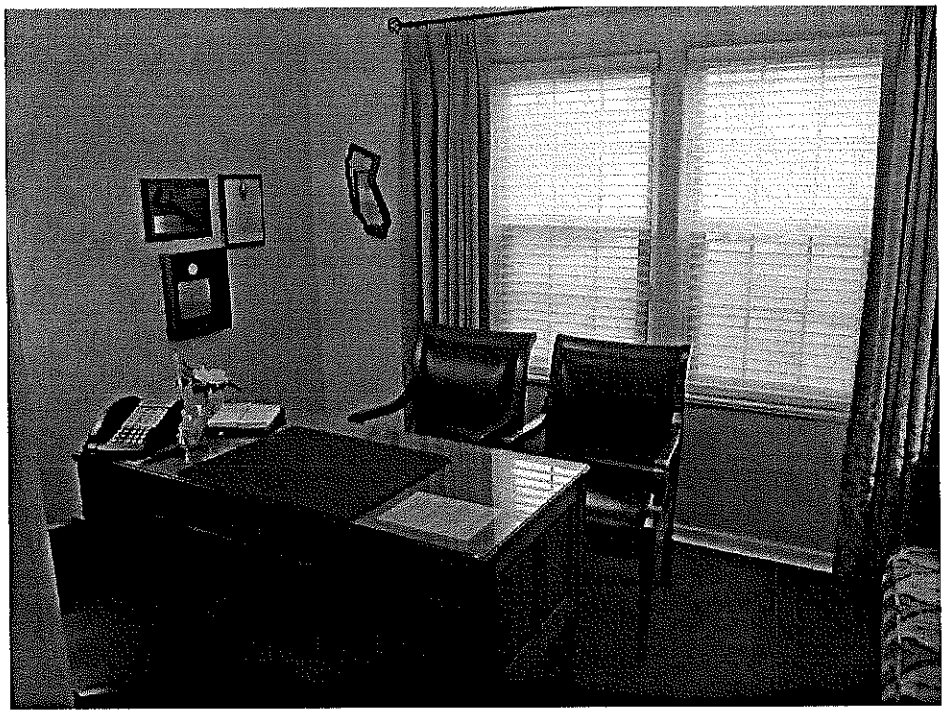
5. Interior of mortuary building – inside of vault used for storage of jewelry, checks, contracts, urns, etc.



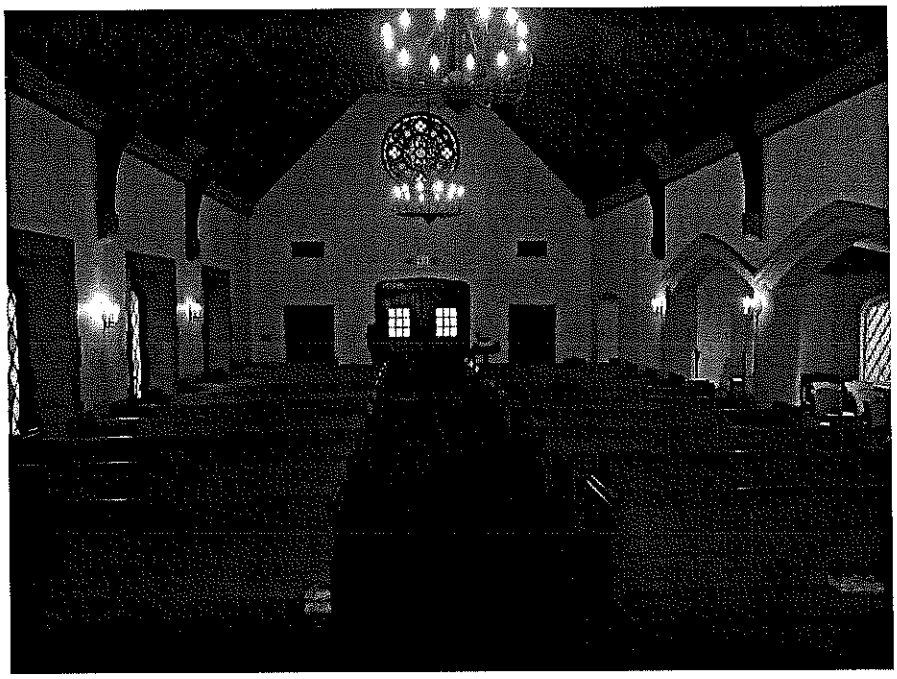
6. Interior of mortuary building – showroom including caskets, tombstones, and décor available for purchase.



7. Inside of mortuary building – typical family/visitation room set up.



8. Inside of mortuary building – typical office set up.



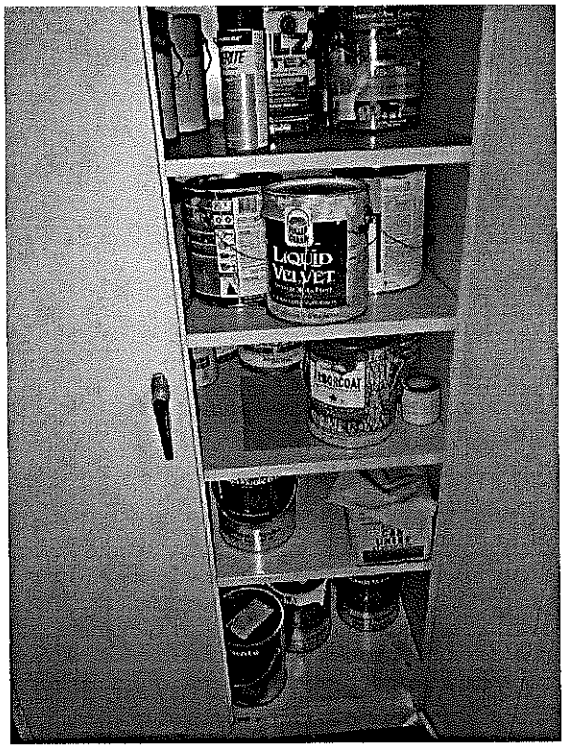
9. Inside of mortuary building – chapel area with pews, organ, and family/bridal room.

10. Inside of mortuary building – janitor's area.

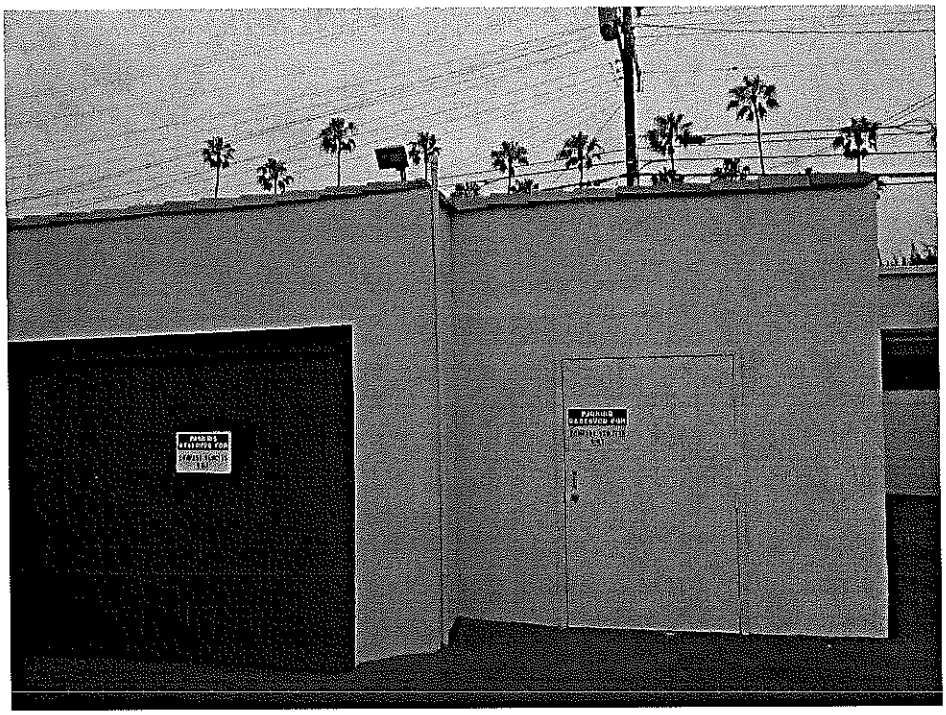
11. Pipe daylighting through concrete pad in approximate location of former preparation room into alley.

12. Pipe daylighting through concrete pad in approximate location of former preparation room into alley.

13. Former automobile service bay located in the garage – supplies stored on top and access to the bay was not available.

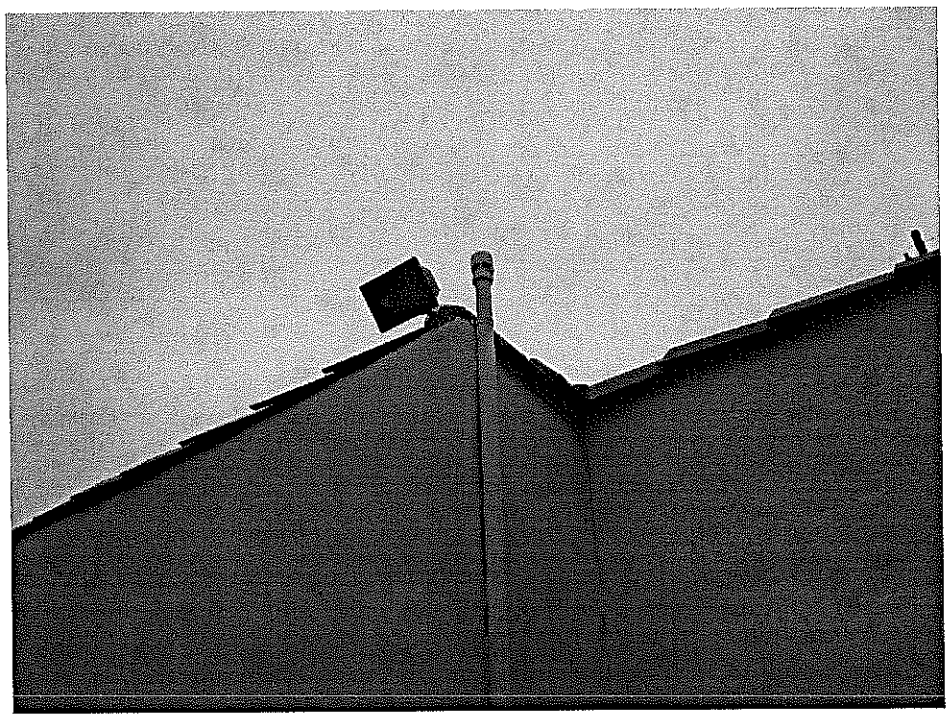


14. Storage cabinet located in garage with cans of paint (1 gallon or less) used for touch up painting of Site facilities.

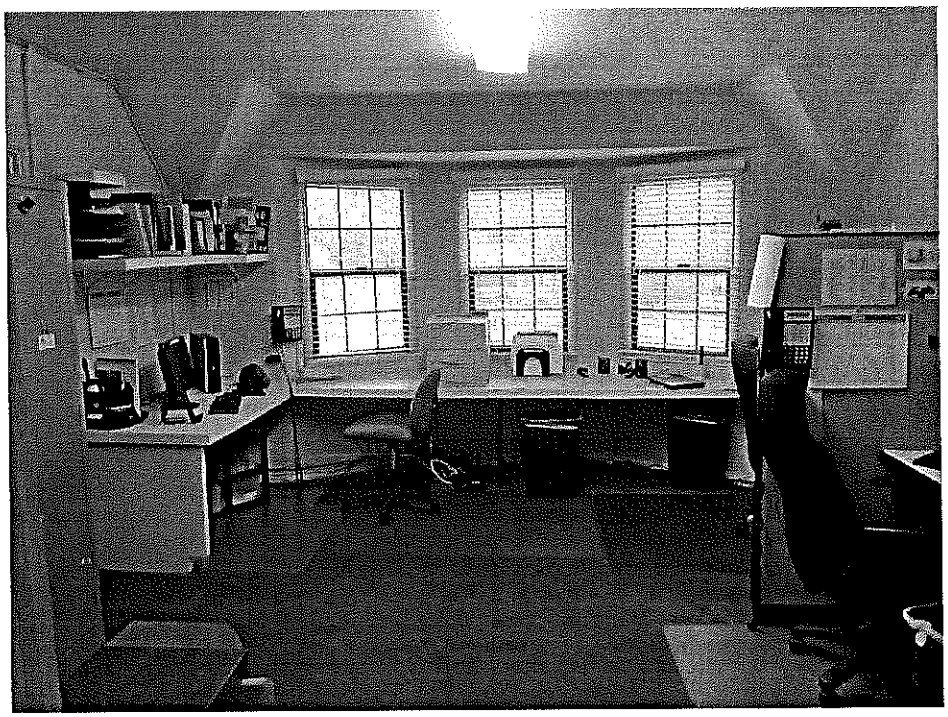


15. Apparent vent pipe present outside the corner of the garage, in the vicinity of the former automobile service bay, extending up the wall to the roof.

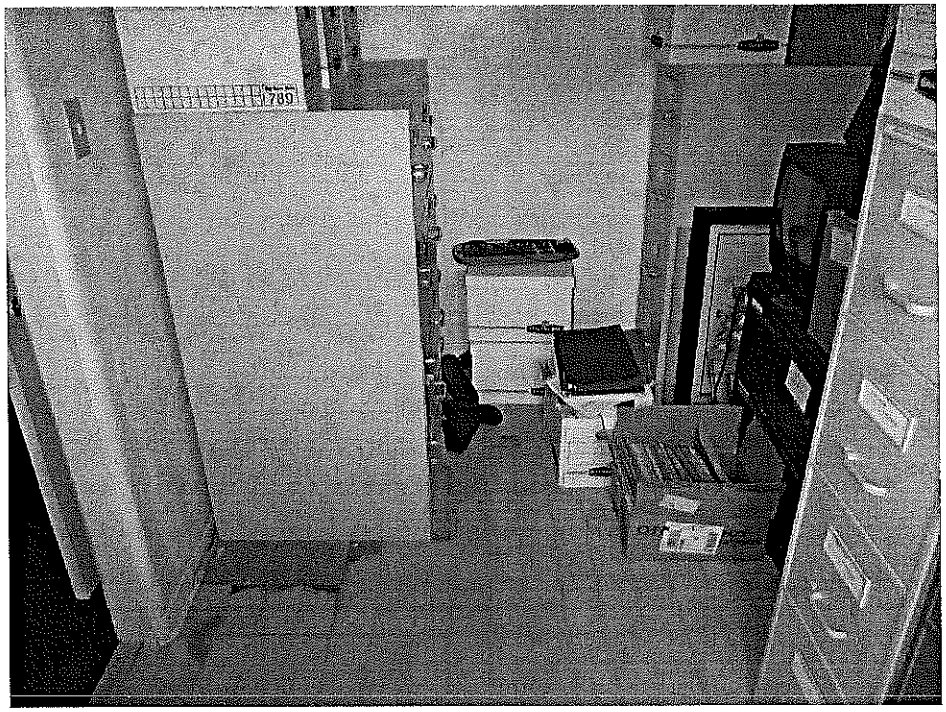
16. Apparent vent pipe present outside the corner of the garage, in the vicinity of the former automobile service bay, extending up the wall to the roof.



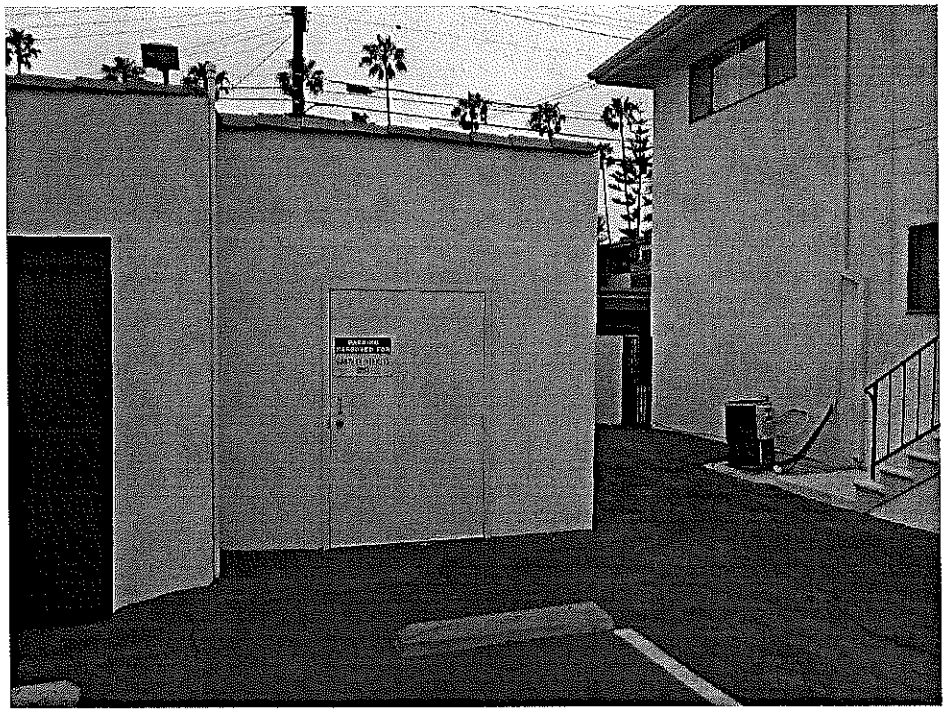
17. Apparent vent pipe present outside the corner of the garage, in the vicinity of the former automobile service bay, extending up the wall to the roof.



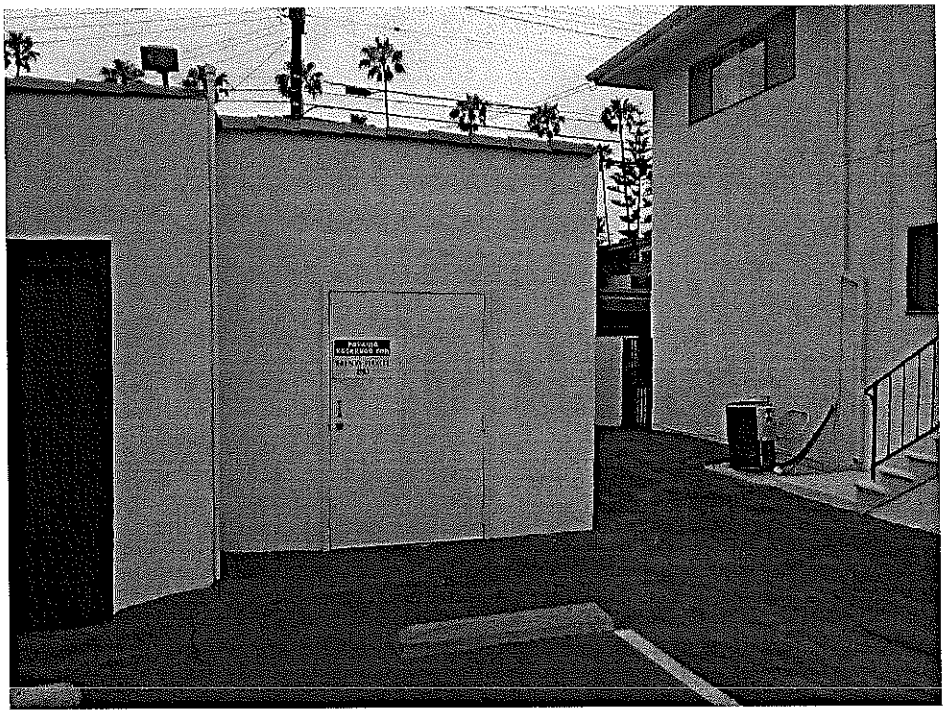
18. Interior of mortuary building – former apartments on second level converted to offices and conference rooms (typical).



19. Interior of mortuary building – former apartments on second level converted to storage areas (typical).

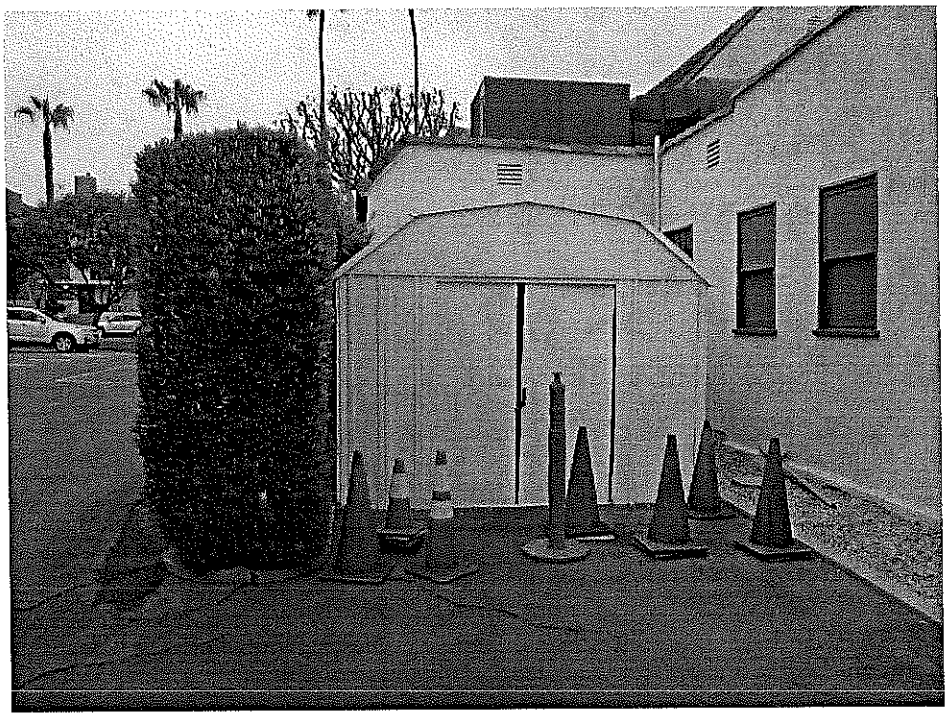


20. Storage area located outside of the mortuary building to the north of the garage with apparent vent pipe at corner – used for storage of décor and church pews.

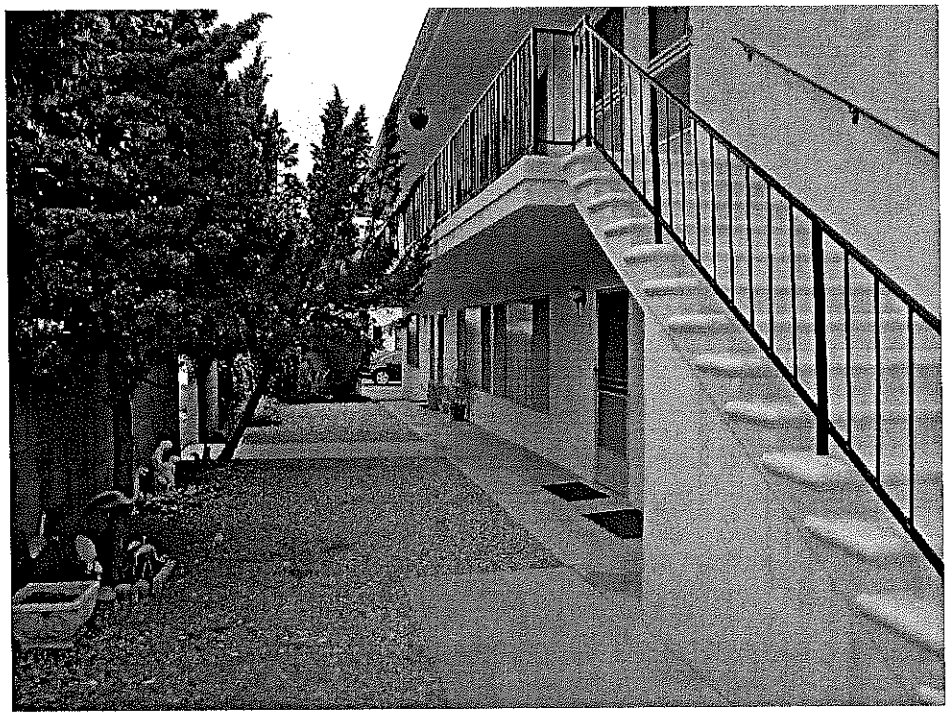


21. Storage area located outside of the mortuary building to the north of the garage with apparent vent pipe at corner – used for storage of décor and church pews.

22. Interior of storage area located outside of mortuary building to the north of the garage and used for the storage of décor, files, and church pews.



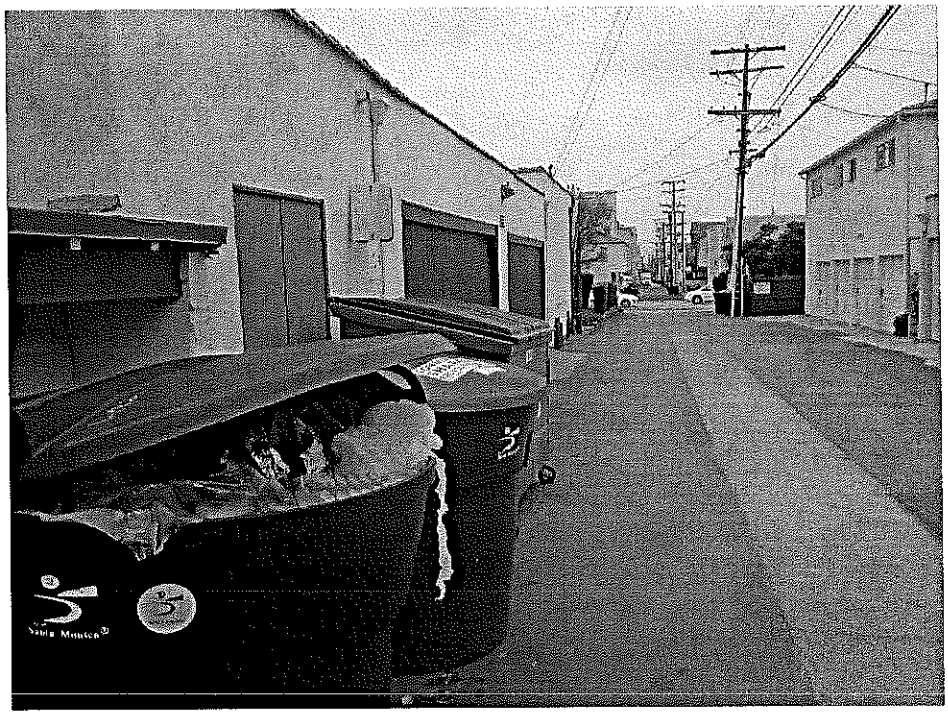
23. Storage shed located outside the mortuary building to the north and used for the storage of files, decorations, church pews, and similar materials.



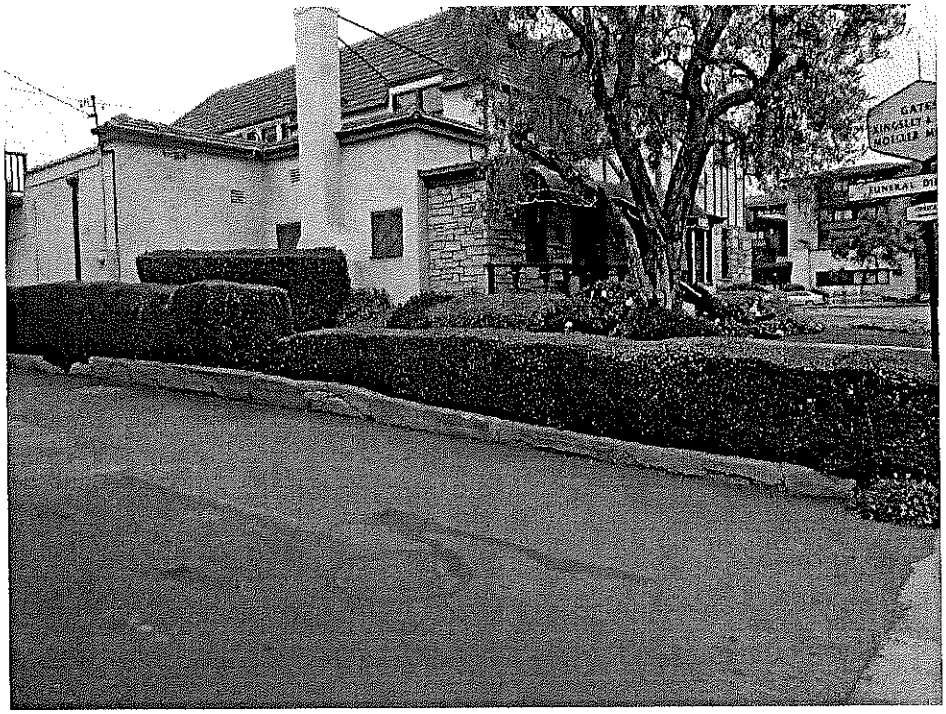
24. Exterior of apartment structure located north of the mortuary building. The units were occupied by tenants and could not be inspected.

25. Parking area located in the central portion of the Site between the mortuary and apartment buildings – view facing southeast.

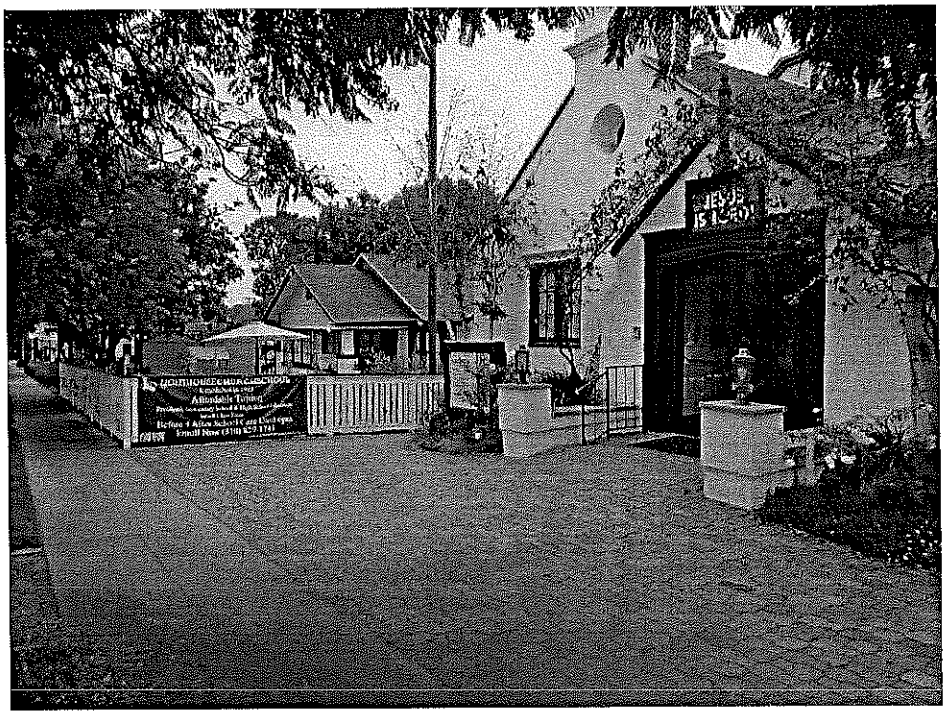
26. De minimus staining present in the asphalt paved parking areas of the Site.



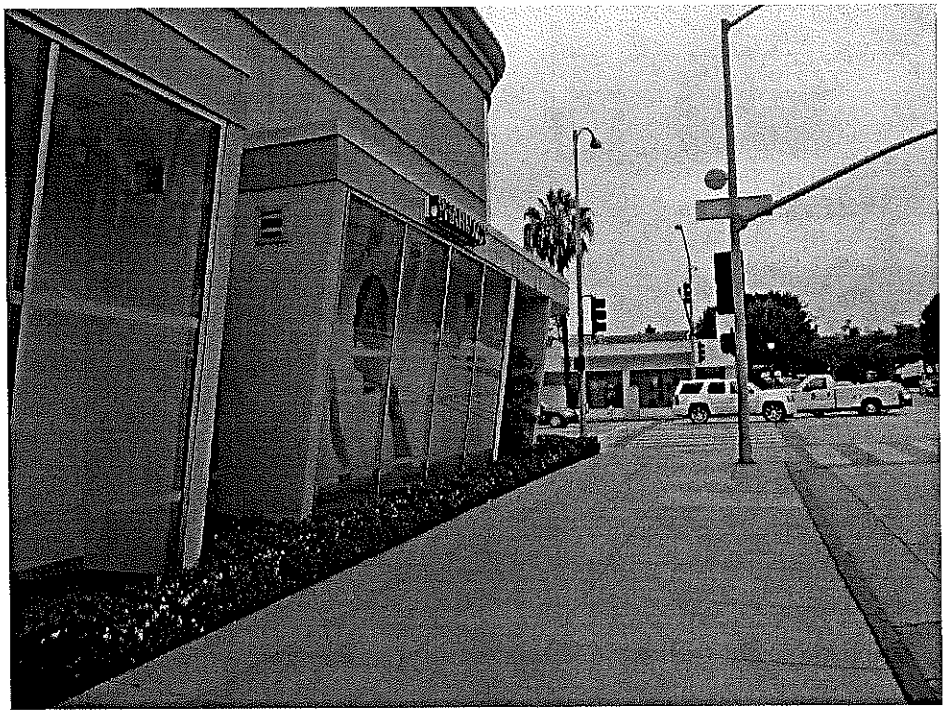
27. Trash dumpsters located outside the apartment and mortuary buildings in the alley to the west of the Site.



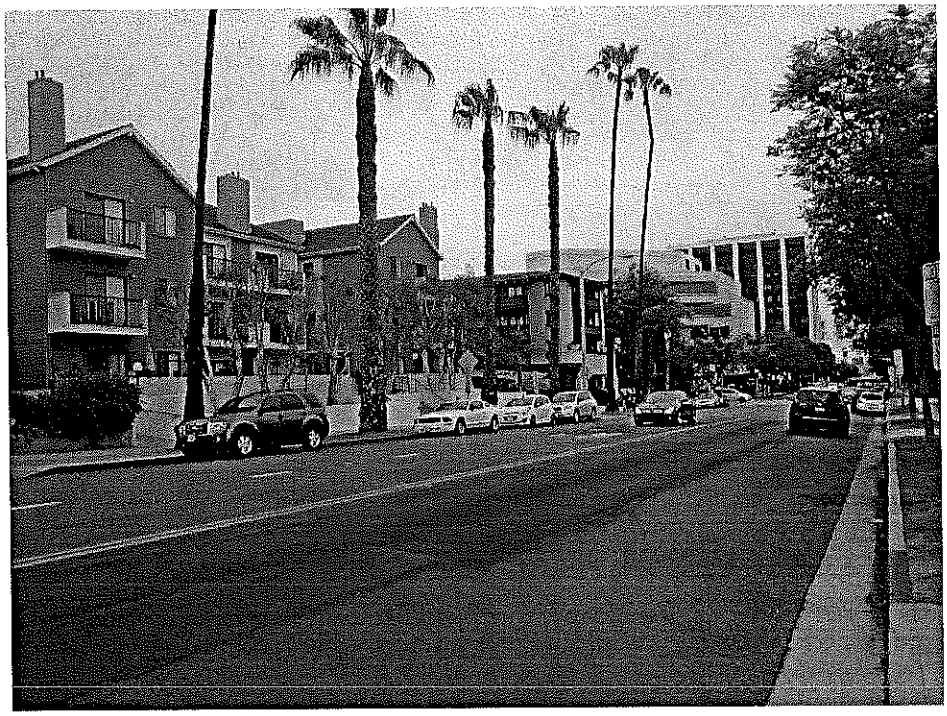
28. Sewer manhole for the City of Santa Monica located in the alley outside of the mortuary building at the Site – view facing north.



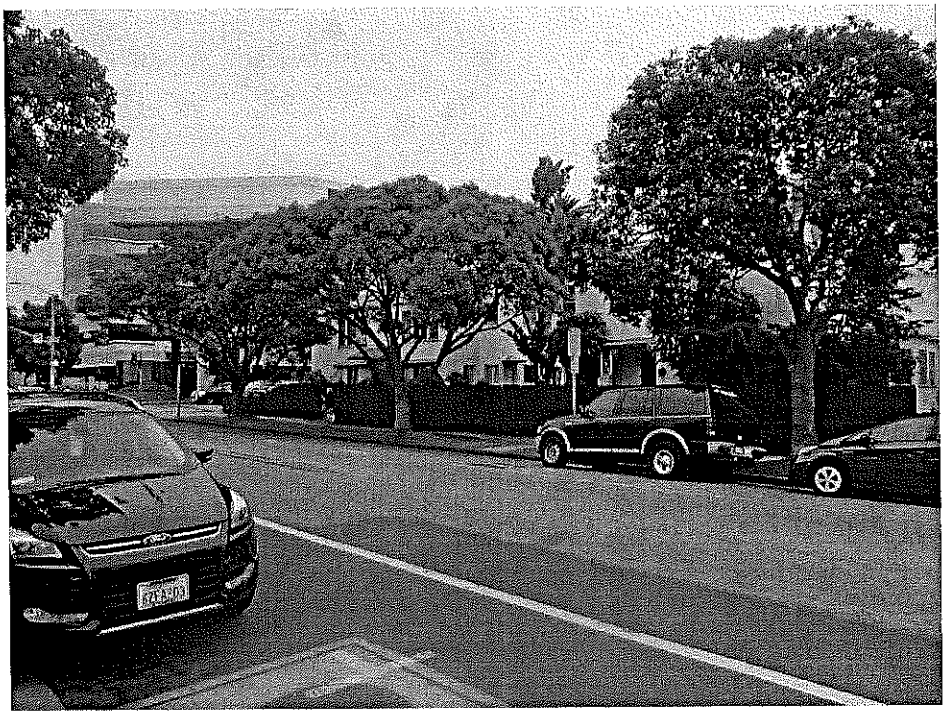
29. Church and associated school located adjacent to the Site to the north – view facing south.



30. Walgreens retail store and pharmacy followed by Wilshire Boulevard located north of the Site beyond the church and school – view facing northwest.

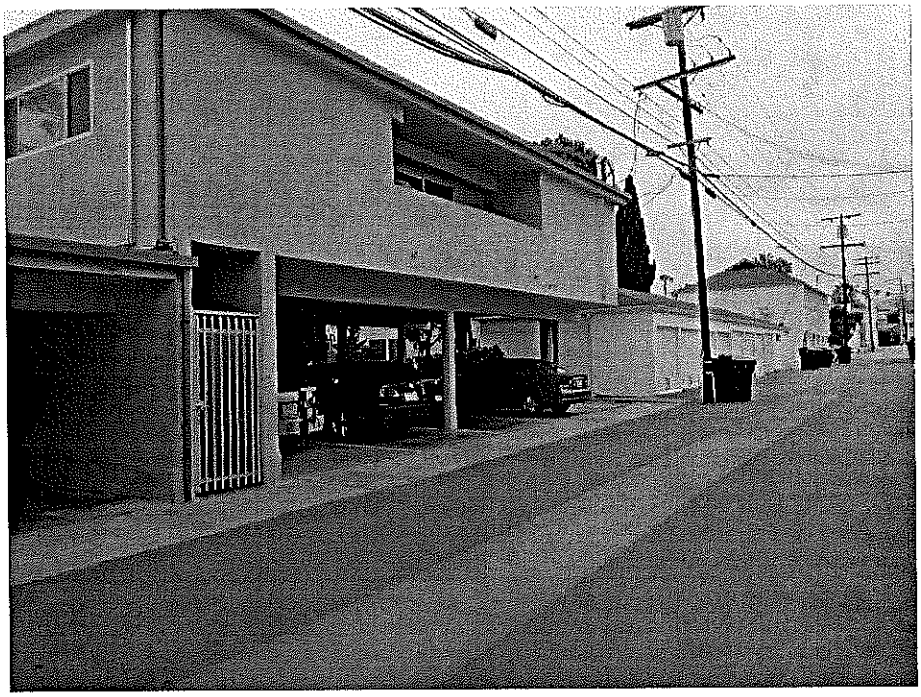


31. 20th Street followed by residential apartment development to the east of the Site – view facing southeast.



32. Arizona Avenue followed by residential apartment development with some medical plazas and facilities located south of the Site – view facing southeast.

33. Saint John's Medical Plaza located southeast of the Site beyond the intersection of Arizona Avenue and 20th Street – view facing southeast.



34. Alley followed by residential apartment development to the west of the Site – view facing west.

APPENDIX A

TITLE REPORT

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.7
May 07, 2015

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

RESEARCH SOURCE

Source 1:
LA Recorder
Los Angeles, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Gates Kingsley & Gates Inc
Title received from:	Gate King Properties Inc
Deed Dated	10/16/1986
Deed Recorded:	10/17/1986
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Gates Kingsley & Gates Inc
Parcel # / Property Identifier:	4276-013-032, 4276-013-033
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

RECORDING REQUESTED BY WTC
Gates, Kingsley & Gates

AND WHEN RECORDED MAIL TO

Name: Gates, Kingsley & Gates
Street Address: c/o Service Corp. International
City & State: 1929 Allen Parkway
Houston, Texas 77019

MAIL TAX STATEMENTS TO

Name:
Street Address: Same as above
City & State:

86-1400095

RECORDED IN OFFICIAL RECORDS OF LOS ANGELES COUNTY, CA
OCT 17 1986 AT 8 A.M.
Recorder's Office

FEE $7 S 2

SURVEY MONUMENT FEE $10. CODE 99

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Corporation Grant Deed

(68)

CAT. NO. NN00578
TO 1921 CA (2-83)

THIS FORM FURNISHED BY TICOR TITLE INSURERS

ALL X PTN.

426-13-32 #33

The undersigned grantor(s) declare(s):
Documentary transfer tax is $ 1,695.10 .
(X) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: ( ) City of _____, and
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

GATE KING PROPERTIES, INC., formerly Gates, Kingsley & Gates, Inc.,

a corporation organized under the laws of the State of California hereby GRANTS to

GATES, KINGSLEY AND GATES, INC., a California corporation,

the following described real property in the Town of Santa Monica, in the City of Santa Monica, County of Los Angeles , State of California:

SEE EXHIBIT A ATTACHED HERETO AND MADE A PART HEREOF.

In Witness Whereof, said corporation has caused its corporate name and seal to be affixed hereto and this instrument to be executed by its ~~President and~~ Secretary thereunto duly authorized.

Dated October 16, 1986

GATE KING PROPERTIES, INC., a California corporation, formerly known as Gates, Kingsley & Gates, Inc.

By ~~President~~

By Mark T. Gates, Jr. Secretary

STATE OF CALIFORNIA
COUNTY OF San Francisco } SS.

On October 16, 1986, before me, the undersigned, a Notary Public in and for said State, personally appeared ~~personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the President and Secretary of the Corporation that executed the within instrument and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.~~

Mark T. Gates, Jr. personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Secretary of the Corporation that executed the within instrument and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.

WITNESS my hand and official seal.

Signature Gail M. Griffin

GAIL M. GRIFFIN
NOTARY PUBLIC-CALIFORNIA
CITY & COUNTY OF SAN FRANCISCO
My Commission Expires November 20, 1987

(This area for official notarial seal)

Title Order No. 262258-6 Escrow or Loan No.

MAIL TAX STATEMENTS AS DIRECTED ABOVE

SJ

PARCEL 1:

LOTS G, H, I, J, K AND L IN BLOCK 105 OF TOWN OF SANTA MONICA, IN THE CITY OF SANTA MONICA, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 3 PAGES 80 AND 81 AND IN BOOK 39 PAGES 45 ET SEQ., OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

86-1400095

EXHIBIT A

APPENDIX B

THE EDR RADIUS MAP™ REPORT WITH GEOCHECK®

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.2s
May 06, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	207
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1925 ARIZONA ST AND 1242 20TH ST
SANTA MONICA, CA 90404

COORDINATES

Latitude (North):	34.0300000 - 34° 1' 48.00"
Longitude (West):	118.4822000 - 118° 28' 55.92"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	363161.3
UTM Y (Meters):	3766278.5
Elevation:	167 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-A4 BEVERLY HILLS, CA
Most Recent Revision:	1999

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120428
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1925 ARIZONA ST AND 1242 20TH ST
SANTA MONICA, CA 90404

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ST JOHNS MEDICAL PLA	1301 20TH ST	CA FID UST, CA SWEEPS UST	Lower	88, 0.017, East
B2		1239 19TH ST	EDR US Hist Auto Stat	Higher	213, 0.040, West
3	FIRE STATIN #3	1302 - 19TH ST.	CA HIST UST	Lower	227, 0.043, SSW
B4	SHAWVER D R	1914 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	334, 0.063, WNW
B5	FOREIGN CAR SERVICE	1209 19TH ST	RCRA NonGen / NLR, FINDS	Higher	337, 0.064, WNW
C6	MATZ BROS	1933 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	349, 0.066, NW
C7	LEEDS JOHN	2002 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	355, 0.067, NNW
A8	SANTA MONICA BRAKE S	1346 20TH ST	EDR US Hist Auto Stat	Lower	360, 0.068, ESE
B9	HALLMARK CLEANERS	1907 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	376, 0.071, WNW
B10	HALLMARK CLEANERS	1907 WILSHIRE BLVD	CA DRYCLEANERS, CA EMI	Higher	376, 0.071, WNW
B11	HALLMARK CLEANERS	1907 WILSHIRE BLVD	RCRA-SQG, FINDS, CA DRYCLEANERS	Higher	376, 0.071, WNW
B12		1902 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	384, 0.073, WNW
D13	PEERLESS LAUNDRY	2012 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	387, 0.073, NNW
D14	U DRIVE SERVICE STAT	2030 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	440, 0.083, North
D15		2037 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	457, 0.087, North
D16	RENE FRENCH CLEANERS	2037 WILSHIRE BL	CA DRYCLEANERS, CA EMI	Higher	457, 0.087, North
E17	PHOTO FINISH	1831 WILSHIRE BLVD	RCRA-SQG, FINDS, CA HAZNET	Higher	488, 0.092, WNW
E18	MEYERS GEO W	1825 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	496, 0.094, West
E19		1821 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	502, 0.095, West
E20	DEL & LEO GARAGE	1815 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	510, 0.097, West
E21	STARLING & HATCHER C	1824 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	513, 0.097, West
E22	DIGITAL PRO LAB	1824 WILSHIRE BLVD	RCRA-SQG, FINDS	Higher	513, 0.097, West
E23	WOLD F E	1813 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	513, 0.097, West
F24	QUICKLEAN SHELL SERV	2100 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	581, 0.110, North
F25	COMMUNITY LAUNDRY	2105 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	597, 0.113, North
E26	RITE AID NO 5489	1808 WILSHIRE BLVD	RCRA-LQG	Higher	610, 0.116, West
F27		2120 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	628, 0.119, North
F28	BROWN LYLE P	2121 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	633, 0.120, North
G29	LEE DOOLEY CHEVRON	1919 SANTA MONICA BL	CA HIST UST	Lower	668, 0.127, SE
G30	96554	1919 SANTA MONICA BL	CA HIST UST	Lower	668, 0.127, SE
H31	S.M. FIRE STATION #3	1302 019TH ST	CA FID UST, CA SWEEPS UST	Lower	675, 0.128, South
G32	ARLAND A L	1923 2 SANTA MONIC	EDR US Hist Auto Stat	Lower	684, 0.130, SE
G33	LLOYD B M	1931 SANTA MONICA	EDR US Hist Cleaners	Lower	722, 0.137, SE
G34	YAXNAGUCHI KINJE	1913 SANTA MONICA	EDR US Hist Cleaners	Lower	725, 0.137, SE
G35	WHEELER & WATSON	1911 SANTA MONICA	EDR US Hist Auto Stat	Lower	728, 0.138, SE
G36	BROADWAY CLEANERS AN	1909 SANTA MONICA	EDR US Hist Cleaners	Lower	731, 0.138, SSE
G37	TEXACO	1932 SANTA MONICA BL	CA HIST CORTESE, CA LUST, CA HIST UST	Lower	733, 0.139, SE
G38	SPOONE SAM TEXACO SE	1932 SANTA MONICA	EDR US Hist Auto Stat	Lower	733, 0.139, SE
G39	TEXACO	1932 SANTA MONICA BL	CA LUST	Lower	733, 0.139, SE

MAPPED SITES SUMMARY

Target Property Address:
1925 ARIZONA ST AND 1242 20TH ST
SANTA MONICA, CA 90404

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	COWAN J H	1907 SANTA MONICA	EDR US Hist Auto Stat	Lower	735, 0.139, SSE
G41	JACOBS W C	2002 SANTA MONICA	EDR US Hist Auto Stat	Lower	736, 0.139, SE
G42	DAVIES TOM INC	1908 SANTA MONICA	EDR US Hist Auto Stat	Lower	741, 0.140, SSE
G43	ASNER JESS	1903 SANTA MONICA	EDR US Hist Cleaners	Lower	745, 0.141, SSE
I44	SAINT JOHN'S HEALTH	1328 22ND ST	CA NPDES, CA UST	Higher	752, 0.142, ENE
I45	SAINT JOHN'S HOSPITA	1328 22ND ST	CA LUST, CA CHMIRS, CA EMI	Higher	752, 0.142, ENE
I46	ST. JOHN'S HOSPITAL	1328 TWENTY-SECOND S	CA ENVIROSTOR	Higher	752, 0.142, ENE
I47	SAINT JOHN'S HEALTH	1328 22ND STREET	RCRA-LQG, CA FID UST, NA, CA SWEEPS UST	Higher	752, 0.142, ENE
I48	1328 22ND ST	1328 22ND STREET	CA NPDES, CA HIST UST	Higher	752, 0.142, ENE
J49	JAIME PARIS M D	2021 SANTA MONICA BL	RCRA-SQG, FINDS, CA HAZNET, CA EMI	Lower	767, 0.145, ESE
J50	JAIME PARIS M D	2021 SANTA MONICA BL	RCRA-SQG	Lower	767, 0.145, ESE
J51	GENERAL TELEPHONE CO	2020 SANTA MONICA BL	CA LUST	Lower	772, 0.146, ESE
J52	SANTA MONICA	2020 SANTA MONICA BL	CA HIST UST	Lower	772, 0.146, ESE
J53	GENERAL TELEPHONE CO	2020 SANTA MONICA	CA HIST CORTESE, CA LUST	Lower	772, 0.146, ESE
J54	UCLA PATHOLOGY OUTRE	2020 SANTA MONICA BL	RCRA-SQG	Lower	777, 0.147, ESE
J55	PALM SERVICE STATION	2042 SANTA MONICA	EDR US Hist Auto Stat	Lower	805, 0.152, ESE
H56	DOUTRE WM	1836 SANTA MONICA	EDR US Hist Auto Stat	Lower	815, 0.154, SSE
H57	SAAB OF SANTA MONICA	1820 SANTA MONICA BL	RCRA-SQG, FINDS	Lower	832, 0.158, SSE
H58	SANTA MONICA BMW	1820 SANTA MONICA BL	CA HIST CORTESE, CA LUST, CA FID UST, CA SWEEPS...	Lower	832, 0.158, SSE
H59		1820 SANTA MONICA B	EDR US Hist Auto Stat	Lower	832, 0.158, SSE
K60		1731 WILSHIRE BLVD	EDR US Hist Cleaners	Lower	847, 0.160, West
K61	PRESTIGE CLEANERS	1731 WILSHIRE BLVD	CA DRYCLEANERS, CA HAZNET	Lower	847, 0.160, West
62	BLAKER SERVICE	2228 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	919, 0.174, NNE
H63	SHELL SERVICE STATIO	1802 SANTA MONICA	RCRA-SQG, FINDS, CA LUST, CA HAZNET	Lower	934, 0.177, South
H64	SANTA MONICA SHELL	1802 SANTA MONICA BL	CA FID UST	Lower	934, 0.177, South
H65	USA PETROLEUM COMPAN	1802 SANTA MONICA BL	CA HIST UST	Lower	934, 0.177, South
H66	SANTA MONICA SHELL	1802 SANTA MONICA BL	CA SWEEPS UST	Lower	934, 0.177, South
L67	GARCIA P J	1328 17TH	EDR US Hist Auto Stat	Lower	1037, 0.196, SSW
L68	GARCIA P J	1328 17TH ST E	EDR US Hist Auto Stat	Lower	1037, 0.196, SSW
L69	GARCIA P J	1328 17TH ST	EDR US Hist Auto Stat	Lower	1043, 0.198, SSW
M70		1414 18TH ST	EDR US Hist Auto Stat	Lower	1044, 0.198, South
M71	KRAMER MOTORS, VOLVO	1414 - 18TH STREET	CA HIST UST	Lower	1044, 0.198, South
M72	KRAMER HONDA	1414 18TH ST	CA HIST CORTESE, CA LUST, CA SWEEPS UST	Lower	1044, 0.198, South
K73	W.I. SIMONSON MERCED	1700 WILSHIRE BLVD.	CA AST	Lower	1052, 0.199, WSW
N74	SUNKIST LAUNDRY	1449 20TH ST	EDR US Hist Cleaners	Lower	1058, 0.200, SE
N75	SUNKIST LAUNDRY	1449 20TH ST E	EDR US Hist Cleaners	Lower	1061, 0.201, SE
M76	HONDA OF SANTA MONIC	1720 SANTA MONICA BL	CA AST	Lower	1083, 0.205, South
M77	KRAMER MOTORS INC. (	1717 SANTA MONICA BL	CA HIST UST	Lower	1089, 0.206, South
M78	SANTA MONICA ACURA	1717 SANTA MONICA BL	RCRA-SQG, FINDS, CA HAZNET	Lower	1089, 0.206, South

MAPPED SITES SUMMARY

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1925 ARIZONA ST AND 1242 20TH ST
SANTA MONICA, CA 90404

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79		2201 SANTA MONICA B	EDR US Hist Cleaners	Lower	1124, 0.213, East
O80	MEDICAL CLINICAL LAB	2200 SANTA MONICA BL	RCRA-SQG, FINDS	Lower	1131, 0.214, East
81		1335 23RD ST	EDR US Hist Auto Stat	Lower	1133, 0.215, ENE
O82	GALLOWAY C M	2208 SANTA MONICA	EDR US Hist Cleaners	Lower	1148, 0.217, East
O83	ALBERT RALPH E	2227 SANTA MONICA	EDR US Hist Auto Stat	Lower	1184, 0.224, East
O84	ACME CLEANERS	2228 SANTA MONICA	EDR US Hist Cleaners	Lower	1195, 0.226, East
P85	MOODY JACK B SERVICE	1629 WILSHIRE BLVD	EDR US Hist Auto Stat	Lower	1225, 0.232, WSW
P86	W I SIMONSON	1626 WILSHIRE	RCRA-SQG, FINDS	Lower	1231, 0.233, WSW
P87	W. I. SIMONSON, INC.	1626 WILSHIRE BLVD	CA LUST, CA HAZNET	Lower	1231, 0.233, WSW
P88	W.I. SIMONSON, INC.	1626 WILSHIRE BLVD	CA FID UST, CA SWEEPS UST	Lower	1231, 0.233, WSW
P89	W.I. SIMONSON MERCED	1626 WILSHIRE BLVD.	CA AST	Lower	1231, 0.233, WSW
P90	SIMONSON SCHACTMAYER	1626 WILSHIRE BLVD	EDR US Hist Auto Stat	Lower	1231, 0.233, WSW
Q91	HECKART HARRY	2328 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	1243, 0.235, NNE
R92	S M MIISUBISHI	1695 SANTA MONICA BL	CA FID UST, CA SWEEPS UST	Lower	1253, 0.237, South
R93	KRAMER ACURA	1695 SANTA MONICA	CA HIST CORTESE, CA LUST	Lower	1253, 0.237, South
R94	KRAMER ACURA	1695 SANTA MONICA BL	CA LUST	Lower	1253, 0.237, South
Q95	GRUNDY W F	2306 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	1283, 0.243, NNE
Q96	WILSHIRE WEST CAR WA	2320 WILSHIRE BLVD	CA HIST UST	Higher	1283, 0.243, NNE
Q97		2320 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	1283, 0.243, NNE
Q98	POPE BROS	2300 WILSHIRE BLVD	EDR US Hist Auto Stat	Higher	1283, 0.243, NNE
Q99	WAGENLEITNER G F	2304 WILSHIRE BLVD	EDR US Hist Cleaners	Higher	1283, 0.243, NNE
R100	FORMER JACK BROWN'S	1631 SANTA MONICA BL	CA LUST	Lower	1378, 0.261, SSW
R101	SANTA MONICA ISUZU	1630 SANTA MONICA BL	RCRA-SQG, FINDS, CA HIST CORTESE, CA LUST	Lower	1383, 0.262, SSW
S102	GTE	2001 BROADWAY	CA HIST CORTESE, CA LUST, CA SWEEPS UST, CA EMI	Lower	1397, 0.265, SE
S103	NASA OIL SERVICE STA	2001 BROADWAY	CA HIST CORTESE, CA LUST	Lower	1397, 0.265, SE
T104	PETER WEST MOTORS	1601 SANTA MONICA BL	CA LUST, CA HIST UST, LA Co. Site Mitigation	Lower	1567, 0.297, SSW
T105	KRAMER NISSAN	1601 SANTA MONICA BL	CA LUST	Lower	1567, 0.297, SSW
106	SANTA MONICA MEDICAL	1260 15TH ST	CA HIST CORTESE, CA EMI	Lower	1715, 0.325, SW
U107	CHEMOLD CO.- BROADWA	2308-2310 BROADWAY	CERC-NFRAP	Lower	1857, 0.352, East
108	SANTA SUSANA TAPO RO	2444 WILSHIRE BOULEV	CA SWF/LF	Higher	1859, 0.352, NNE
U109	COLORADO PLACE	BROADWAY AND CLOVERF	CA BOND EXP. PLAN, CA RESPONSE, CA ENVIROSTOR	Lower	1918, 0.363, East
110	CUMMINGS BUICK INC	1530 SANTA MONICA BL	RCRA-SQG, FINDS, CA HIST CORTESE, CA LUST, CA FID...	Lower	1945, 0.368, SSW
V111	LINCOLN MIDDLE SCHOO	1501 CALIFORNIA AVE	CA LUST	Higher	2082, 0.394, West
V112	LINCOLN MIDDLE SCHOO	1501 CALIFORNIA AVE	CA NPDES, CA HIST CORTESE, CA LUST	Higher	2082, 0.394, West
W113	CHEMOLD CO.- COLORAD	2000 COLORADO AVE.	CERC-NFRAP	Lower	2084, 0.395, SE
W114	SONY MUSIC CENTER CA	2024 COLORADO AVE	CA HIST CORTESE, CA LUST, LA Co. Site Mitigation	Lower	2085, 0.395, SE
115	MILTON PREMIERE PART	2043 COLORADO AVE.	CA LUST	Lower	2106, 0.399, SE
116	BEVERLY HILLS DUMP	2400-2500 BROADWAY S	CA SWF/LF	Lower	2244, 0.425, East
W117	COPLEY PRESS	1920 COLORADO AVE	CA HIST CORTESE, CA LUST	Lower	2247, 0.426, SE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
X118	76 STATION #5854 (FO	1402 SANTA MONICA BL	CA LUST, CA HIST UST, CA SWEEPS UST	Lower	2281, 0.432, SSW
Y119	LIVINGSTON-GRAHAM IN	1620 19TH ST	CA NPDES, CA HIST CORTESE, CA LUST, CA FID UST, CA...	Lower	2347, 0.445, SE
Y120	STANDARD CONCRETE PR	1620 19TH ST	CA LUST, CA UST	Lower	2347, 0.445, SE
X121	CHEVRON #9-0922	1351 SANTA MONICA BL	CA HIST CORTESE, CA LUST	Lower	2438, 0.462, SSW
Y122	LIVINGSTON GRAHAM	1637 19TH ST	CA LUST, CA HAZNET	Lower	2458, 0.466, SE
X123	CHEVRON	1330 SANTA MONICA BL	CA LUST	Lower	2487, 0.471, SSW
X124	CHEVRON	1330 SANTA MONICA BL	CA HIST CORTESE, CA LUST	Lower	2487, 0.471, SSW
Z125	TOSCO S.S. #7347	2601 WILSHIRE BLVD	CA LUST	Higher	2489, 0.471, NNE
Z126	UNOCAL SERVICE STATI	2601 WILSHIRE BLVD	CA HIST CORTESE, CA LUST, CA FID UST, CA SWEEPS...	Higher	2489, 0.471, NNE
Y127	LIVINGSTON GRAHAM	1637 019TH	CA HIST CORTESE, CA LUST	Lower	2490, 0.472, SE
128	EXTRA SPACE	1707 CLOVERFIELD BLV	CA SLIC, CA DEED, CA VCP, CA ENVIROSTOR	Lower	3190, 0.604, ESE
129	WATER GARDEN PHASE I	2500 COLORADO	CA SLIC, LA Co. Site Mitigation, CA ENVIROSTOR	Lower	3222, 0.610, East
130	SANFORD PAPERMATE	1681 26TH STREET	FINDS, CA HIST CORTESE, CA SLIC, LA Co. Site...	Lower	4270, 0.809, East
131	ACADEMY OF ENTERTAIN	1660 STEWART ST	CA SCH, CA NPDES, CA LUST, CA ENVIROSTOR	Lower	4316, 0.817, East
132	SANTA MONICA HOUSING		CA ENVIROSTOR	Lower	4761, 0.902, ESE
AA133	EDISON/SANTA MONICA	819 COLORADO AVE	EDR MGP	Lower	4943, 0.936, SSW
AA134	SANTA MONICA MFG GAS	819 COLORADO	LA Co. Site Mitigation, CA VCP, CA ENVIROSTOR	Lower	4943, 0.936, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
CA SWRCY..... Recycler Database
CA HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
CA WMUDS/SWAT..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CA HIST Cal-Sites..... Historical Calsites Database
CA Toxic Pits..... Toxic Pits Cleanup Act Sites
CA AOCONCERN..... San Gabriel Valley Areas of Concern
CA CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
CA LIENS..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CA LDS..... Land Disposal Sites Listing
CA MCS..... Military Cleanup Sites Listing
CA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
CA UIC..... UIC Listing
CA Cortese..... "Cortese" Hazardous Waste & Substances Sites List
CA CUPA Listings..... CUPA Resources List
CA Notify 65..... Proposition 65 Records
CA LOS ANGELES CO. HMS. HMS: Street Number List
CA WIP..... Well Investigation Program Case List
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
CA HWT..... Registered Hazardous Waste Transporter Database
CA PROC..... Certified Processors Database
CA Financial Assurance..... Financial Assurance Information Listing
CA WDS..... Waste Discharge System
CA HWP..... EnviroStor Permitted Facilities Listing
CA MWMP..... Medical Waste Management Program Listing
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
LEAD SMELTERS..... Lead Smelter Sites
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH DOE..... Steam-Electric Plant Operation Data
2020 COR ACTION..... 2020 Corrective Action Program List
PRP..... Potentially Responsible Parties

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank
CA RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEMOLD CO.- BROADWA	2308-2310 BROADWAY	E 1/4 - 1/2 (0.352 mi.)	U107	134
CHEMOLD CO.- COLORAD	2000 COLORADO AVE.	SE 1/4 - 1/2 (0.395 mi.)	W113	147

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RITE AID NO 5489	1808 WILSHIRE BLVD	W 0 - 1/8 (0.116 mi.)	E26	29
SAINT JOHN'S HEALTH	***1328 22ND STREET***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I47***	***53***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALLMARK CLEANERS	***1907 WILSHIRE BLVD***	***WNW 0 - 1/8 (0.071 mi.)***	***B11***	***16***
PHOTO FINISH	***1831 WILSHIRE BLVD***	***WNW 0 - 1/8 (0.092 mi.)***	***E17***	***22***
DIGITAL PRO LAB	***1824 WILSHIRE BLVD***	***W 0 - 1/8 (0.097 mi.)***	***E22***	***26***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
JAIME PARIS M D	***2021 SANTA MONICA BL***	***ESE 1/8 - 1/4 (0.145 mi.)***	***J49***	***63***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JAIME PARIS M D	2021 SANTA MONICA BL	ESE 1/8 - 1/4 (0.145 mi.)	J50	66
UCLA PATHOLOGY OUTRE	2020 SANTA MONICA BL	ESE 1/8 - 1/4 (0.147 mi.)	J54	70
SAAB OF SANTA MONICA	***1820 SANTA MONICA BL***	***SSE 1/8 - 1/4 (0.158 mi.)***	***H57***	***73***
SHELL SERVICE STATIO	***1802 SANTA MONICA***	***S 1/8 - 1/4 (0.177 mi.)***	***H63***	***81***
SANTA MONICA ACURA	***1717 SANTA MONICA BL***	***S 1/8 - 1/4 (0.206 mi.)***	***M78***	***98***
MEDICAL CLINICAL LAB	***2200 SANTA MONICA BL***	***E 1/8 - 1/4 (0.214 mi.)***	***O80***	***101***
W I SIMONSON	***1626 WILSHIRE***	***WSW 1/8 - 1/4 (0.233 mi.)***	***P86***	***104***

State- and tribal - equivalent NPL

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, and dated 03/11/2015 has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COLORADO PLACE	***BROADWAY AND CLOVERF***	***E 1/4 - 1/2 (0.363 mi.)***	***U109***	***136***
Status: No Further Action				
Facility Id: 19490208				

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 03/11/2015 has revealed that there are 8 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ST. JOHN'S HOSPITAL	1328 TWENTY-SECOND S	ENE 1/8 - 1/4 (0.142 mi.)	I46	52
Status: Refer: Other Agency				
Facility Id: 71002561				

Lower Elevation	Address	Direction / Distance	Map ID	Page
COLORADO PLACE	***BROADWAY AND CLOVERF***	***E 1/4 - 1/2 (0.363 mi.)***	***U109***	***136***
Status: No Further Action				
Facility Id: 19490208				
EXTRA SPACE	***1707 CLOVERFIELD BLV***	***ESE 1/2 - 1 (0.604 mi.)***	***128***	***179***
Status: Certified O&M - Land Use Restrictions Only				
Facility Id: 60000517				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WATER GARDEN PHASE I	***2500 COLORADO***	***E 1/2 - 1 (0.610 mi.)***	***129***	***188***
Status: Refer: Other Agency				
Facility Id: 19210002				
SANFORD PAPERMATE	***1681 26TH STREET***	***E 1/2 - 1 (0.809 mi.)***	***130***	***190***
Status: Refer: Other Agency				
Facility Id: 19390024				
ACADEMY OF ENTERTAIN	***1660 STEWART ST***	***E 1/2 - 1 (0.817 mi.)***	***131***	***197***
Status: Active				
Facility Id: 60001654				
SANTA MONICA HOUSING		ESE 1/2 - 1 (0.902 mi.)	132	202
Status: Inactive - Needs Evaluation				
Facility Id: 80001138				
SANTA MONICA MFG GAS	***819 COLORADO***	***SSW 1/2 - 1 (0.936 mi.)***	***AA134***	***203***
Status: No Further Action				
Facility Id: 19490228				

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, and dated 02/16/2015 has revealed that there are 2 CA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA SUSANA TAPO RO	2444 WILSHIRE BOULEV	NNE 1/4 - 1/2 (0.352 mi.)	108	135

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEVERLY HILLS DUMP	2400-2500 BROADWAY S	E 1/4 - 1/2 (0.425 mi.)	116	152
Site ID: 2241				
Status: Closed				

State and tribal leaking storage tank lists

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 33 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAINT JOHN'S HOSPITA	***1328 22ND ST***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I45***	***42***
Status: Open - Remediation				
Global Id: T10000000705				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LINCOLN MIDDLE SCHOO Facility Id: 904030043 Status: Preliminary site assessment workplan submitted Global ID: T0603701380	1501 CALIFORNIA AVE	W 1/4 - 1/2 (0.394 mi.)	V111	144
LINCOLN MIDDLE SCHOO Status: Completed - Case Closed Global Id: T0603701380	***1501 CALIFORNIA AVE***	***W 1/4 - 1/2 (0.394 mi.)***	***V112***	***145***
TOSCO S.S. #7347 Facility Id: 904030034 Status: Leak being confirmed Global ID: T0603701379	2601 WILSHIRE BLVD	NNE 1/4 - 1/2 (0.471 mi.)	Z125	173
UNOCAL SERVICE STATI Status: Completed - Case Closed Global Id: T0603701379 Global Id: T0603729228	***2601 WILSHIRE BLVD***	***NNE 1/4 - 1/2 (0.471 mi.)***	***Z126***	***174***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEXACO Status: Completed - Case Closed Global Id: T0603701414	***1932 SANTA MONICA BL***	***SE 1/8 - 1/4 (0.139 mi.)***	***G37***	***37***
TEXACO Facility Id: 904040334 Status: Case Closed Global ID: T0603701414	1932 SANTA MONICA BL	SE 1/8 - 1/4 (0.139 mi.)	G39	39
GENERAL TELEPHONE CO Facility Id: 121594-66 Status: Case Closed Global ID: T0603700215	2020 SANTA MONICA BL	ESE 1/8 - 1/4 (0.146 mi.)	J51	67
GENERAL TELEPHONE CO Status: Completed - Case Closed Global Id: T0603700215	***2020 SANTA MONICA***	***ESE 1/8 - 1/4 (0.146 mi.)***	***J53***	***69***
SANTA MONICA BMW Status: Completed - Case Closed Facility Id: 904040298 Status: Leak being confirmed Global Id: T0603701410 Global ID: T0603701410	***1820 SANTA MONICA BL***	***SSE 1/8 - 1/4 (0.158 mi.)***	***H58***	***74***
SHELL SERVICE STATIO Status: Completed - Case Closed Facility Id: 904040443 Facility Id: 904040452 Status: Preliminary site assessment underway Status: Pollution Characterization Global Id: T0603748686 Global ID: T0603748686 Global ID: T0603792065	***1802 SANTA MONICA***	***S 1/8 - 1/4 (0.177 mi.)***	***H63***	***81***
KRAMER HONDA Status: Completed - Case Closed Facility Id: 904040189 Status: Pollution Characterization Global Id: T0603701399 Global ID: T0603701399	***1414 18TH ST***	***S 1/8 - 1/4 (0.198 mi.)***	***M72***	***93***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
W. I. SIMONSON, INC.	***1626 WILSHIRE BLVD***	***WSW 1/8 - 1/4 (0.233 mi.)***	***P87***	***106***
Status: Completed - Case Closed Facility Id: 904030052 Status: Preliminary site assessment workplan submitted Global Id: T0603792914 Global ID: T0603792914				
KRAMER ACURA	***1695 SANTA MONICA***	***S 1/8 - 1/4 (0.237 mi.)***	***R93***	***113***
Status: Completed - Case Closed Global Id: T0603701398				
KRAMER ACURA	1695 SANTA MONICA BL	S 1/8 - 1/4 (0.237 mi.)	R94	114
Facility Id: 904040170 Status: Pollution Characterization Global ID: T0603701398				
FORMER JACK BROWN'S	1631 SANTA MONICA BL	SSW 1/4 - 1/2 (0.261 mi.)	R100	120
Status: Completed - Case Closed Global Id: T0603737019				
SANTA MONICA ISUZU	***1630 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.262 mi.)***	***R101***	***121***
Status: Completed - Case Closed Facility Id: 904040116 Status: Preliminary site assessment underway Global Id: T0603701391 Global ID: T0603701391				
GTE	***2001 BROADWAY***	***SE 1/4 - 1/2 (0.265 mi.)***	***S102***	***126***
Facility Id: 000318 Status: Case Closed Global ID: T0603700020				
NASA OIL SERVICE STA	***2001 BROADWAY***	***SE 1/4 - 1/2 (0.265 mi.)***	***S103***	***128***
Status: Completed - Case Closed Global Id: T0603700020				
PETER WEST MOTORS	***1601 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.297 mi.)***	***T104***	***130***
Status: Completed - Case Closed Global Id: T0603701403				
KRAMER NISSAN	1601 SANTA MONICA BL	SSW 1/4 - 1/2 (0.297 mi.)	T105	132
Facility Id: 904040225 Status: Case Closed Global ID: T0603701403				
CUMMINGS BUICK INC	***1530 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.368 mi.)***	***110***	***139***
Status: Completed - Case Closed Facility Id: 904040216 Status: Case Closed Global Id: T0603701402 Global ID: T0603701402				
SONY MUSIC CENTER CA	***2024 COLORADO AVE***	***SE 1/4 - 1/2 (0.395 mi.)***	***W114***	***148***
Status: Completed - Case Closed Facility Id: 904040343 Status: Case Closed Global Id: T0603701415 Global ID: T0603701415				
MILTON PREMIERE PART	2043 COLORADO AVE.	SE 1/4 - 1/2 (0.399 mi.)	115	150
Status: Completed - Case Closed Global Id: T0603745800				

Lower Elevation	Address	Direction / Distance	Map ID	Page
COPLEY PRESS	***1920 COLORADO AVE***	***SE 1/4 - 1/2 (0.426 mi.)***	***W117***	***153***
Status: Completed - Case Closed Facility Id: 904040325 Status: Case Closed Global Id: T0603701413 Global ID: T0603701413				
76 STATION #5854 (FO	***1402 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.432 mi.)***	***X118***	***155***
Status: Completed - Case Closed Global Id: T0603772511				
LIVINGSTON-GRAHAM IN	***1620 19TH ST***	***SE 1/4 - 1/2 (0.445 mi.)***	***Y119***	***160***
Status: Completed - Case Closed Global Id: T0603701421				
STANDARD CONCRETE PR	***1620 19TH ST***	***SE 1/4 - 1/2 (0.445 mi.)***	***Y120***	***164***
Facility Id: 904040407 Status: Preliminary site assessment workplan submitted Global ID: T0603701421				
CHEVRON #9-0922	***1351 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.462 mi.)***	***X121***	***165***
Status: Completed - Case Closed Facility Id: 904040016 Status: Case Closed Global Id: T0603701381 Global ID: T0603701381				
LIVINGSTON GRAHAM	***1637 19TH ST***	***SE 1/4 - 1/2 (0.466 mi.)***	***Y122***	***168***
Status: Completed - Case Closed Global Id: T0603701404				
CHEVRON	1330 SANTA MONICA BL	SSW 1/4 - 1/2 (0.471 mi.)	X123	171
Facility Id: 904040207 Status: Case Closed Global ID: T0603701401				
CHEVRON	***1330 SANTA MONICA BL***	***SSW 1/4 - 1/2 (0.471 mi.)***	***X124***	***172***
Status: Completed - Case Closed Global Id: T0603701401				
LIVINGSTON GRAHAM	***1637 019TH***	***SE 1/4 - 1/2 (0.472 mi.)***	***Y127***	***178***
Facility Id: 904040234 Status: Preliminary site assessment underway Global ID: T0603701404				

State and tribal registered storage tank lists

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, and dated 03/13/2015 has revealed that there is 1 CA UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAINT JOHN'S HEALTH	***1328 22ND ST***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I44***	***42***
Facility Id: 600294				

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
W.I. SIMONSON MERCED	1700 WILSHIRE BLVD.	WSW 1/8 - 1/4 (0.199 mi.)	K73	97
HONDA OF SANTA MONIC	1720 SANTA MONICA BL	S 1/8 - 1/4 (0.205 mi.)	M76	97
W.I. SIMONSON MERCED	1626 WILSHIRE BLVD.	WSW 1/8 - 1/4 (0.233 mi.)	P89	111

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 7 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAINT JOHN'S HEALTH Facility Id: 19053365 Status: A	***1328 22ND STREET***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I47***	***53***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST JOHNS MEDICAL PLA Facility Id: 19044673 Status: A	***1301 20TH ST***	***E 0 - 1/8 (0.017 mi.)***	***A1***	***8***
S.M. FIRE STATION #3 Facility Id: 19055213 Status: A	***1302 019TH ST***	***S 1/8 - 1/4 (0.128 mi.)***	***H31***	***34***
SANTA MONICA BMW Facility Id: 19023911 Status: A	***1820 SANTA MONICA BL***	***SSE 1/8 - 1/4 (0.158 mi.)***	***H58***	***74***
SANTA MONICA SHELL Facility Id: 19005188 Status: A	1802 SANTA MONICA BL	S 1/8 - 1/4 (0.177 mi.)	H64	89
W.I. SIMONSON, INC. Facility Id: 19051449 Status: A	***1626 WILSHIRE BLVD***	***WSW 1/8 - 1/4 (0.233 mi.)***	***P88***	***109***
S M MIISUBISHI Facility Id: 19025325 Status: A	***1695 SANTA MONICA BL***	***S 1/8 - 1/4 (0.237 mi.)***	***R92***	***112***

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 10 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1328 22ND ST Facility Id: 00000029583	***1328 22ND STREET***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I48***	***61***
WILSHIRE WEST CAR WA Facility Id: 00000016931	2320 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.243 mi.)	Q96	116

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIRE STATIN #3 Facility Id: 00000007717	1302 - 19TH ST.	SSW 0 - 1/8 (0.043 mi.)	3	9
LEE DOOLEY CHEVRON Facility Id: 00000020594	1919 SANTA MONICA BL	SE 1/8 - 1/4 (0.127 mi.)	G29	32
96554 Facility Id: 00000062895	1919 SANTA MONICA BL	SE 1/8 - 1/4 (0.127 mi.)	G30	33
TEXACO Facility Id: 00000017126	***1932 SANTA MONICA BL***	***SE 1/8 - 1/4 (0.139 mi.)***	***G37***	***37***
SANTA MONICA Facility Id: 00000003724	2020 SANTA MONICA BL	ESE 1/8 - 1/4 (0.146 mi.)	J52	68
USA PETROLEUM COMPAN Facility Id: 00000004784	1802 SANTA MONICA BL	S 1/8 - 1/4 (0.177 mi.)	H65	89
KRAMER MOTORS, VOLVO Facility Id: 00000007834	1414 - 18TH STREET	S 1/8 - 1/4 (0.198 mi.)	M71	92
KRAMER MOTORS INC. (Facility Id: 00000007840	1717 SANTA MONICA BL	S 1/8 - 1/4 (0.206 mi.)	M77	97

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAINT JOHN'S HEALTH Status: A Tank Status: A Comp Number: 29583	***1328 22ND STREET***	***ENE 1/8 - 1/4 (0.142 mi.)***	***I47***	***53***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST JOHNS MEDICAL PLA Status: A Tank Status: A Comp Number: 4	***1301 20TH ST***	***E 0 - 1/8 (0.017 mi.)***	***A1***	***8***
S.M. FIRE STATION #3 Status: A Tank Status: A Comp Number: 7717	***1302 019TH ST***	***S 1/8 - 1/4 (0.128 mi.)***	***H31***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA MONICA BMW Status: A Tank Status: A Comp Number: 109	***1820 SANTA MONICA BL***	***SSE 1/8 - 1/4 (0.158 mi.)***	***H58***	***74***
SANTA MONICA SHELL Status: A Tank Status: A Comp Number: 4784	1802 SANTA MONICA BL	S 1/8 - 1/4 (0.177 mi.)	H66	90
KRAMER HONDA Status: A Tank Status: A Comp Number: 7834	***1414 18TH ST***	***S 1/8 - 1/4 (0.198 mi.)***	***M72***	***93***
W.I. SIMONSON, INC. Status: A Tank Status: A Comp Number: 20579	***1626 WILSHIRE BLVD***	***WSW 1/8 - 1/4 (0.233 mi.)***	***P88***	***109***
S M MIISUBISHI Status: A Tank Status: A Comp Number: 136	***1695 SANTA MONICA BL***	***S 1/8 - 1/4 (0.237 mi.)***	***R92***	***112***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOREIGN CAR SERVICE	***1209 19TH ST***	***WNW 0 - 1/8 (0.064 mi.)***	***B5***	***10***

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COLORADO PLACE	***BROADWAY AND CLOVERF***	***E 1/4 - 1/2 (0.363 mi.)***	***U109***	***136***

EXECUTIVE SUMMARY

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 18 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LINCOLN MIDDLE SCHOO Reg Id: 904030043	*1501 CALIFORNIA AVE*	*W 1/4 - 1/2 (0.394 mi.)*	*V112*	*145*
UNOCAL SERVICE STATI Reg Id: 904030034	*2601 WILSHIRE BLVD*	*NNE 1/4 - 1/2 (0.471 mi.)*	*Z126*	*174*

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEXACO Reg Id: 904040334	*1932 SANTA MONICA BL*	*SE 1/8 - 1/4 (0.139 mi.)*	*G37*	*37*
GENERAL TELEPHONE CO Reg Id: 121594-66	*2020 SANTA MONICA*	*ESE 1/8 - 1/4 (0.146 mi.)*	*J53*	*69*
SANTA MONICA BMW Reg Id: 904040298	*1820 SANTA MONICA BL*	*SSE 1/8 - 1/4 (0.158 mi.)*	*H58*	*74*
KRAMER HONDA Reg Id: 904040189	*1414 18TH ST*	*S 1/8 - 1/4 (0.198 mi.)*	*M72*	*93*
KRAMER ACURA Reg Id: 904040170	*1695 SANTA MONICA*	*S 1/8 - 1/4 (0.237 mi.)*	*R93*	*113*
SANTA MONICA ISUZU Reg Id: 904040116	*1630 SANTA MONICA BL*	*SSW 1/4 - 1/2 (0.262 mi.)*	*R101*	*121*
GTE Reg Id: 000318	*2001 BROADWAY*	*SE 1/4 - 1/2 (0.265 mi.)*	*S102*	*126*
NASA OIL SERVICE STA Reg Id: 900310189	*2001 BROADWAY*	*SE 1/4 - 1/2 (0.265 mi.)*	*S103*	*128*
SANTA MONICA MEDICAL Reg Id: 908130543	*1260 15TH ST*	*SW 1/4 - 1/2 (0.325 mi.)*	*106*	*133*
CUMMINGS BUICK INC Reg Id: 904040216	*1530 SANTA MONICA BL*	*SSW 1/4 - 1/2 (0.368 mi.)*	*110*	*139*
SONY MUSIC CENTER CA Reg Id: 904040343	*2024 COLORADO AVE*	*SE 1/4 - 1/2 (0.395 mi.)*	*W114*	*148*
COPLEY PRESS Reg Id: 904040325	*1920 COLORADO AVE*	*SE 1/4 - 1/2 (0.426 mi.)*	*W117*	*153*
LIVINGSTON-GRAHAM IN Reg Id: 904040407	*1620 19TH ST*	*SE 1/4 - 1/2 (0.445 mi.)*	*Y119*	*160*
CHEVRON #9-0922 Reg Id: 904040016	*1351 SANTA MONICA BL*	*SSW 1/4 - 1/2 (0.462 mi.)*	*X121*	*165*
CHEVRON Reg Id: 904040207	*1330 SANTA MONICA BL*	*SSW 1/4 - 1/2 (0.471 mi.)*	*X124*	*172*
LIVINGSTON GRAHAM Reg Id: 90404234	*1637 019TH*	*SE 1/4 - 1/2 (0.472 mi.)*	*Y127*	*178*

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAINT JOHN'S HEALTH	*1328 22ND STREET*	*ENE 1/8 - 1/4 (0.142 mi.)*	*I47*	*53*

CA DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, and dated 02/18/2015 has revealed that there are 4 CA DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALLMARK CLEANERS EPA Id: CAL000341593 EPA Id: CAL000360230	*1907 WILSHIRE BLVD*	*WNW 0 - 1/8 (0.071 mi.)*	*B10*	*14*
HALLMARK CLEANERS EPA Id: CAD981991474	*1907 WILSHIRE BLVD*	*WNW 0 - 1/8 (0.071 mi.)*	*B11*	*16*
RENE FRENCH CLEANERS EPA Id: CAD981991425	*2037 WILSHIRE BL*	*N 0 - 1/8 (0.087 mi.)*	*D16*	*21*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PRESTIGE CLEANERS EPA Id: CAL000212502	*1731 WILSHIRE BLVD*	*W 1/8 - 1/4 (0.160 mi.)*	*K61*	*78*

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EDISON/SANTA MONICA	819 COLORADO AVE	SSW 1/2 - 1 (0.936 mi.)	AA133	203

EXECUTIVE SUMMARY

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 36 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1239 19TH ST	W 0 - 1/8 (0.040 mi.)	B2	8
SHAWVER D R	1914 WILSHIRE BLVD	WNW 0 - 1/8 (0.063 mi.)	B4	9
MATZ BROS	1933 WILSHIRE BLVD	NW 0 - 1/8 (0.066 mi.)	C6	11
LEEDS JOHN	2002 WILSHIRE BLVD	NNW 0 - 1/8 (0.067 mi.)	C7	12
U DRIVE SERVICE STAT	2030 WILSHIRE BLVD	N 0 - 1/8 (0.083 mi.)	D14	20
MEYERS GEO W	1825 WILSHIRE BLVD	W 0 - 1/8 (0.094 mi.)	E18	25
Not reported	1821 WILSHIRE BLVD	W 0 - 1/8 (0.095 mi.)	E19	25
DEL & LEO GARAGE	1815 WILSHIRE BLVD	W 0 - 1/8 (0.097 mi.)	E20	25
STARLING & HATCHER C	1824 WILSHIRE BLVD	W 0 - 1/8 (0.097 mi.)	E21	26
WOLD F E	1813 WILSHIRE BLVD	W 0 - 1/8 (0.097 mi.)	E23	27
QUICKLEAN SHELL SERV	2100 WILSHIRE BLVD	N 0 - 1/8 (0.110 mi.)	F24	29
Not reported	2120 WILSHIRE BLVD	N 0 - 1/8 (0.119 mi.)	F27	32
BROWN LYLE P	2121 WILSHIRE BLVD	N 0 - 1/8 (0.120 mi.)	F28	32
BLAKER SERVICE	2228 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.174 mi.)	62	80
HECKART HARRY	2328 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.235 mi.)	Q91	111
GRUNDY W F	2306 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.243 mi.)	Q95	116
Not reported	2320 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.243 mi.)	Q97	117
POPE BROS	2300 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.243 mi.)	Q98	117

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANTA MONICA BRAKE S	1346 20TH ST	ESE 0 - 1/8 (0.068 mi.)	A8	12
ARLAND A L	1923 2 SANTA MONIC	SE 1/8 - 1/4 (0.130 mi.)	G32	35
WHEELER & WATSON	1911 SANTA MONICA	SE 1/8 - 1/4 (0.138 mi.)	G35	36
SPOONE SAM TEXACO SE	1932 SANTA MONICA	SE 1/8 - 1/4 (0.139 mi.)	G38	39
COWAN J H	1907 SANTA MONICA	SSE 1/8 - 1/4 (0.139 mi.)	G40	40
JACOBS W C	2002 SANTA MONICA	SE 1/8 - 1/4 (0.139 mi.)	G41	40
DAVIES TOM INC	1908 SANTA MONICA	SSE 1/8 - 1/4 (0.140 mi.)	G42	41
PALM SERVICE STATION	2042 SANTA MONICA	ESE 1/8 - 1/4 (0.152 mi.)	J55	72
DOUTRE WM	1836 SANTA MONICA	SSE 1/8 - 1/4 (0.154 mi.)	H56	72
Not reported	1820 SANTA MONICA B	SSE 1/8 - 1/4 (0.158 mi.)	H59	77
GARCIA P J	1328 17TH	SSW 1/8 - 1/4 (0.196 mi.)	L67	91
GARCIA P J	1328 17TH ST E	SSW 1/8 - 1/4 (0.196 mi.)	L68	92
GARCIA P J	1328 17TH ST	SSW 1/8 - 1/4 (0.198 mi.)	L69	92
Not reported	1414 18TH ST	S 1/8 - 1/4 (0.198 mi.)	M70	92
Not reported	1335 23RD ST	ENE 1/8 - 1/4 (0.215 mi.)	81	103
ALBERT RALPH E	2227 SANTA MONICA	E 1/8 - 1/4 (0.224 mi.)	O83	103
MOODY JACK B SERVICE	1629 WILSHIRE BLVD	WSW 1/8 - 1/4 (0.232 mi.)	P85	104
SIMONSON SCHACTMAYER	1626 WILSHIRE BLVD	WSW 1/8 - 1/4 (0.233 mi.)	P90	111

EXECUTIVE SUMMARY

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 16 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALLMARK CLEANERS	1907 WILSHIRE BLVD	WNW 0 - 1/8 (0.071 mi.)	B9	13
Not reported	1902 WILSHIRE BLVD	WNW 0 - 1/8 (0.073 mi.)	B12	18
PEERLESS LAUNDRY	2012 WILSHIRE BLVD	NNW 0 - 1/8 (0.073 mi.)	D13	19
Not reported	2037 WILSHIRE BLVD	N 0 - 1/8 (0.087 mi.)	D15	20
COMMUNITY LAUNDRY	2105 WILSHIRE BLVD	N 0 - 1/8 (0.113 mi.)	F25	29
WAGENLEITNER G F	2304 WILSHIRE BLVD	NNE 1/8 - 1/4 (0.243 mi.)	Q99	119

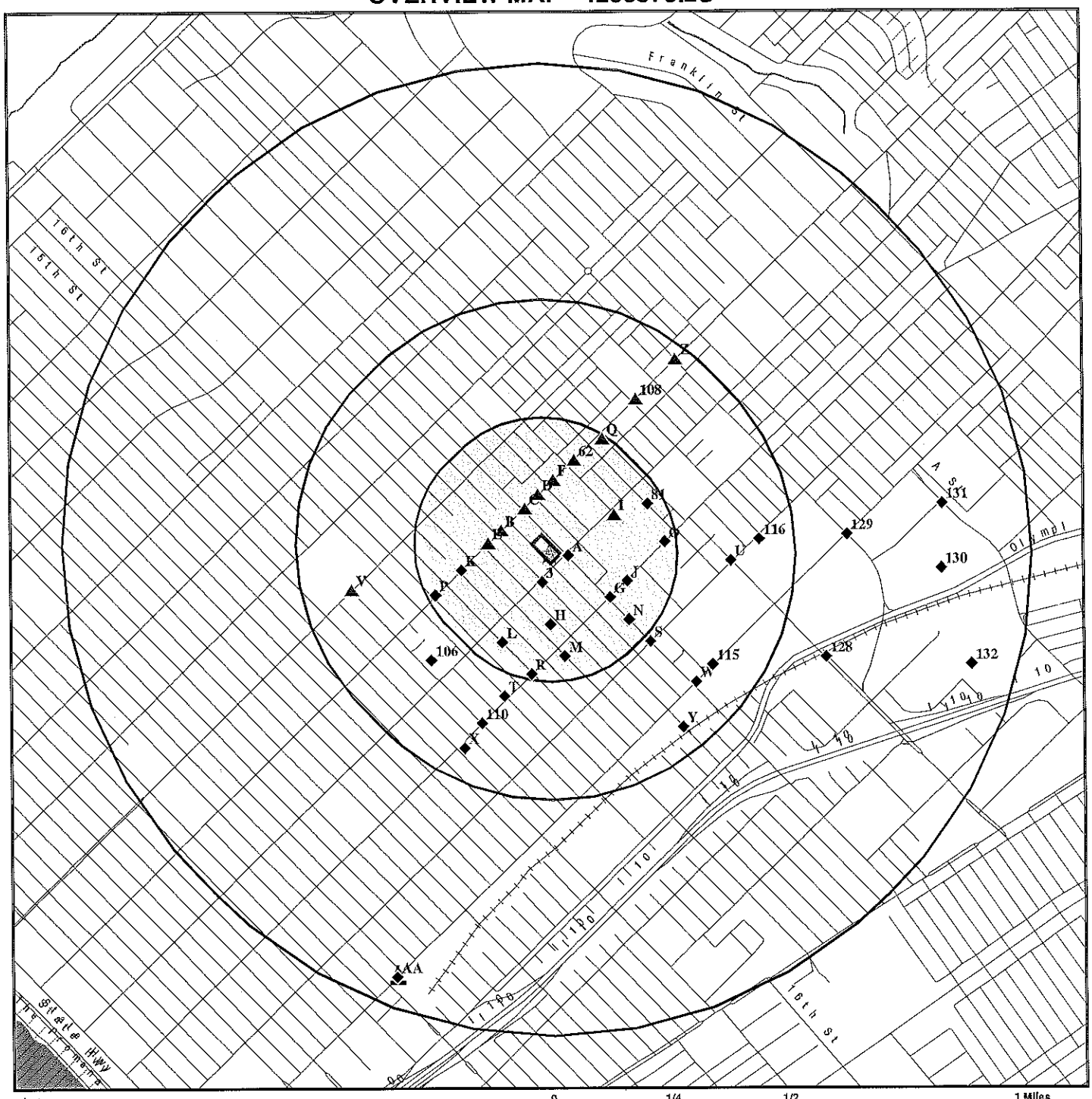
Lower Elevation	Address	Direction / Distance	Map ID	Page
LLOYD B M	1931 SANTA MONICA	SE 1/8 - 1/4 (0.137 mi.)	G33	35
YAXNAGUCHI KINJE	1913 SANTA MONICA	SE 1/8 - 1/4 (0.137 mi.)	G34	36
BROADWAY CLEANERS AN	1909 SANTA MONICA	SSE 1/8 - 1/4 (0.138 mi.)	G36	36
ASNER JESS	1903 SANTA MONICA	SSE 1/8 - 1/4 (0.141 mi.)	G43	41
Not reported	1731 WILSHIRE BLVD	W 1/8 - 1/4 (0.160 mi.)	K60	78
SUNKIST LAUNDRY	1449 20TH ST	SE 1/8 - 1/4 (0.200 mi.)	N74	97
SUNKIST LAUNDRY	1449 20TH ST E	SE 1/8 - 1/4 (0.201 mi.)	N75	97
Not reported	2201 SANTA MONICA B	E 1/8 - 1/4 (0.213 mi.)	O79	101
GALLOWAY C M	2208 SANTA MONICA	E 1/8 - 1/4 (0.217 mi.)	O82	103
ACME CLEANERS	2228 SANTA MONICA	E 1/8 - 1/4 (0.226 mi.)	O84	103

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
	CA CDL
	CA CDL
76 STATION #5210	CA LUST
TOSCO - 76 STATION #1715	CA LUST
WEST L.A. SHELL	CA LUST
CHEVRON #9-7748 (FORMER)	CA LUST
UNIVERSITY HIGH SCHOOL SOIL GAS ST	CA ENVIROSTOR
SPC ELECTRONIC RESEARCH	CA ENVIROSTOR
SPAZIER SOAP CHEMICAL	CA ENVIROSTOR

OVERVIEW MAP - 4285375.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica CA 90404 LAT/LONG: 34.03 / 118.4822	CLIENT: Northgate Env. Management, Inc. CONTACT: Nicky Galloway INQUIRY #: 4285375.2s DATE: May 06, 2015 12:55 pm

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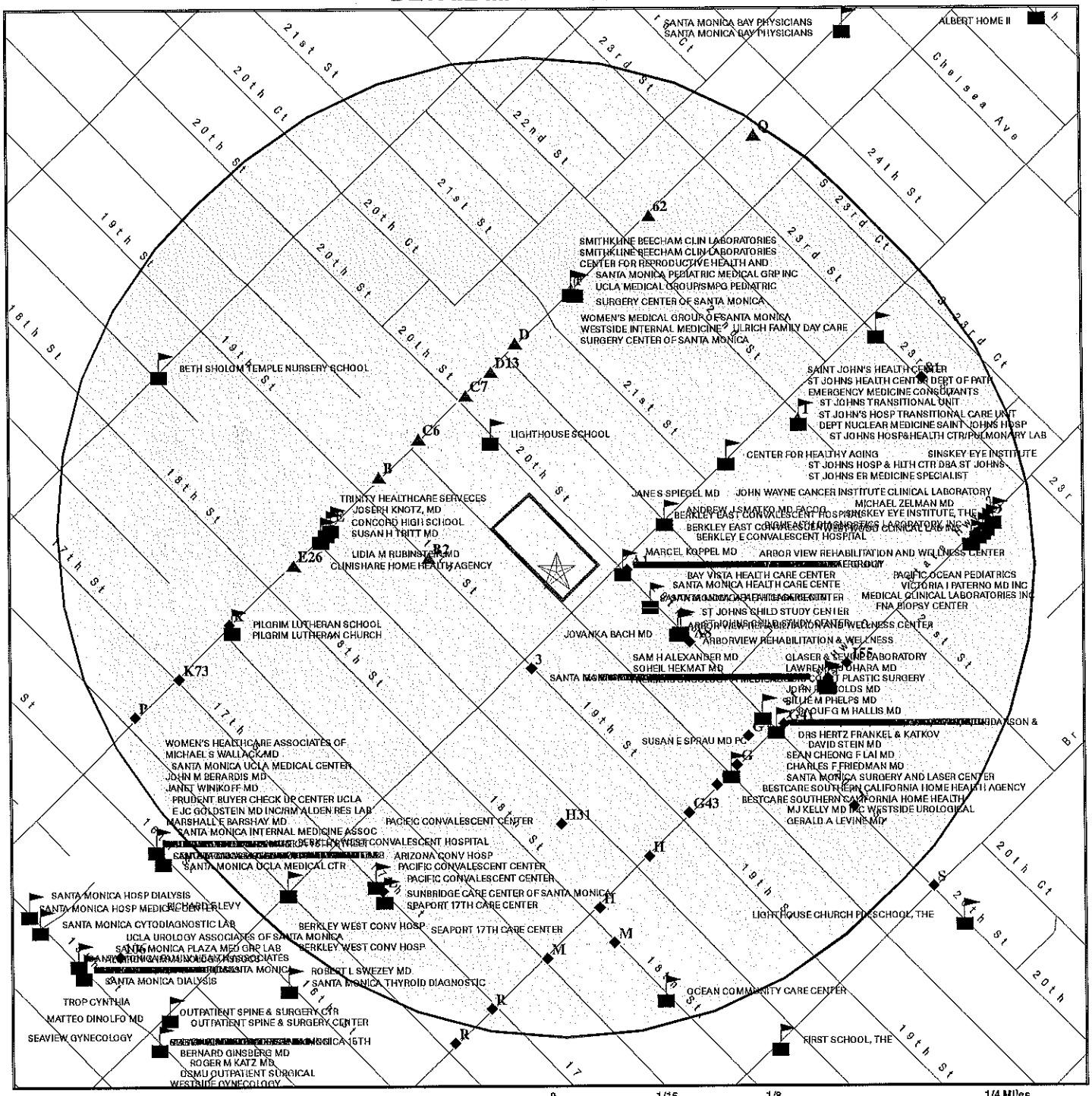
DETAIL MAP - 4285375.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica CA 90404 LAT/LONG: 34.03 / 118.4822	CLIENT: Northgate Env. Management, Inc. CONTACT: Nicky Galloway INQUIRY #: 4285375.2s DATE: May 06, 2015 12:57 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	1	NR	NR	NR	2
RCRA-SQG	0.250		3	8	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		0	1	1	6	NR	8
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
CA LUST	0.500		0	11	22	NR	NR	33

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
CA UST	0.250		0	1	NR	NR	NR	1
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA AOCONCERN	1.000		0	0	0	0	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	6	NR	NR	NR	7
CA HIST UST	0.250		1	9	NR	NR	NR	10
CA SWEEPS UST	0.250		1	7	NR	NR	NR	8
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA LIENS	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500		0	5	13	NR	NR	18
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	1	NR	NR	NR	1
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
CA DRYCLEANERS	0.250		3	1	NR	NR	NR	4
CA LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA HWP	1.000		0	0	0	0	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR US Hist Auto Stat	0.250		14	22	NR	NR	NR	36
EDR US Hist Cleaners	0.250		5	11	NR	NR	NR	16
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
CA RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	30	87	42	7	0	166

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
East
< 1/8
0.017 mi.
88 ft.

ST JOHNS MEDICAL PLAZA
1301 20TH ST
SANTA MONICA, CA 90404

CA FID UST **S101586316**
CA SWEEPS UST **N/A**

Site 1 of 2 in cluster A

Relative:
Lower

Actual:
164 ft.

CA FID UST:

Facility ID:	19044673
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1301 20TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA MONICA 90404
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	4
Number:	9
Board Of Equalization:	44-010506
Referral Date:	01-12-90
Action Date:	01-12-90
Created Date:	01-12-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-033-000004-000001
Tank Status:	A
Capacity:	1000
Active Date:	03-19-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

B2
West
< 1/8
0.040 mi.
213 ft.

1239 19TH ST
SANTA MONICA, CA 90404

EDR US Hist Auto Stat **1015190266**
N/A

Site 1 of 7 in cluster B

Relative:
Higher

Actual:
169 ft.

EDR Historical Auto Stations:

Name:	MEDICAL ENGINE
Year:	2006
Address:	1239 19TH ST

3
SSW
< 1/8
0.043 mi.
227 ft.

FIRE STATIN #3
1302 - 19TH ST.
SANTA MONICA, CA 90404

CA HIST UST **U001563957**
N/A

Relative:
Lower

Actual:
160 ft.

HIST UST:

Region:	STATE
Facility ID:	00000007717
Facility Type:	Not reported
Other Type:	FIRE STATION
Contact Name:	KENNETH L. WHITE
Telephone:	2134588651
Owner Name:	CITY OF SANTA MONICA FIRE DEPT
Owner Address:	1444 - 7TH ST.
Owner City,St,Zip:	SANTA MONICA, CA 90401
Total Tanks:	0002
Tank Num:	001
Container Num:	#1
Year Installed:	1971
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	#2
Year Installed:	1971
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

B4
WNW
< 1/8
0.063 mi.
334 ft.

SHAWVER D R
1914 WILSHIRE BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009017532**
N/A

Site 2 of 7 in cluster B

Relative:
Higher

Actual:
174 ft.

EDR Historical Auto Stations:

Name:	SHAWYER D R
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	SHAWVER D R
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	SHAWVER D R
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	SHAWVER D R
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	SHAWVER D R

SHAWVER D R (Continued) **1009017532**

Year: 1936
Type: AUTOMOBILE REPAIRING

Name: SHAWVER D R
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: SHAWVER D R
Year: 1948
Type: AUTO REPAIRS

Name: SHAWVER D R
Year: 1948
Type: AUTOMOBILE REPAIRING

B5 **FOREIGN CAR SERVICE & COMPLIANCE CENTER** **RCRA NonGen / NLR** **1000820256**
WNW **1209 19TH ST** **FINDS** **CAD983662909**
< 1/8 **SANTA MONICA, CA 90404**
0.064 mi.
337 ft. **Site 3 of 7 in cluster B**

Relative:
Higher

Actual:
173 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/05/1994
Facility name: FOREIGN CAR SERVICE & COMPLIANCE CENTER
Facility address: 1209 19TH ST
SANTA MONICA, CA 90404
EPA ID: CAD983662909
Mailing address: 19TH ST
SANTA MONICA, CA 90404
Contact: GABRIEL TAYKALDERANIAN
Contact address: 1209 19TH ST
SANTA MONICA, CA 90404
Contact country: US
Contact telephone: (310) 828-4488
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GABRIEL TAYKALDERANIAN
Owner/operator address: 1209 19TH ST
SANTA MONICA, CA 90404
Owner/operator country: Not reported
Owner/operator telephone: (310) 828-4488
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

FOREIGN CAR SERVICE & COMPLIANCE CENTER (Continued) **1000820256**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002895289

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C6
NW
< 1/8
0.066 mi.
349 ft.

MATZ BROS **EDR US Hist Auto Stat** **1009018709**
1933 WILSHIRE BLVD **N/A**
SANTA MONICA, CA

Site 1 of 2 in cluster C

Relative: Higher

Actual: 179 ft.

EDR Historical Auto Stations:

Name:	MATZ BROS
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MATZ BROS
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MATZ BROS
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	CARR S CAR CLINIC
Year:	1954
Type:	AUTOMOBILE REPAIRING
Name:	MATZ FRED SERVICE STATION
Year:	1954
Type:	GASOLINE STATIONS
Name:	CARR S CAR CLINIC
Year:	1954
Type:	AUTOMOBILE REPAIRING
Name:	MATZ FRED SERVICE STATION
Year:	1954

MATZ BROS (Continued) **1009018709**

Type: GASOLINE STATIONS

C7 **LEEDS JOHN** **EDR US Hist Auto Stat** **1009020814**
NNW **2002 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.067 mi.
355 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
181 ft.

EDR Historical Auto Stations:

Name: LEEDS JOHN
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: LEEDS JOHN
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: LEEDS JULES RICHFIELD SERVICE
Year: 1954
Type: GASOLINE STATIONS

Name: LEEDS JULES RICHFIELD SERVICE
Year: 1954
Type: GASOLINE STATIONS

A8 **SANTA MONICA BRAKE SPECIALISTS** **EDR US Hist Auto Stat** **1009020204**
ESE **1346 20TH ST** **N/A**
< 1/8 **SANTA MONICA, CA**
0.068 mi.
360 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
158 ft.

EDR Historical Auto Stations:

Name: SANTA MONICA BRAKE SPECIALISTS
Year: 1948
Type: AUTO REPAIRS

Name: SANTA MONICA BRAKE SPECIALISTS
Year: 1948
Type: AUTOMOBILE REPAIRING

Name: SANTA MONICA BRAKE SPECIALISTS
Year: 1954
Type: AUTOMOBILE REPAIRING

Name: SANTA MONICA BRAKE SPECIALISTS
Year: 1954
Type: AUTOMOBILE REPAIRING

B9
WNW
< 1/8
0.071 mi.
376 ft.

HALLMARK CLEANERS
1907 WILSHIRE BLVD,
SANTA MONICA, CA

EDR US Hist Cleaners **1009144047**
N/A

Site 4 of 7 in cluster B

Relative:
Higher

Actual:
176 ft.

EDR Historical Cleaners:

Name:	TED H H
Year:	1948
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	TED H H
Year:	1948
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	HALLMARK CLEANERS.
Year:	1954
Type:	CLEANERS AND DYERS
Name:	HALLMARK CLEANERS
Year:	1954
Type:	DYERS AND CLEANERS
Name:	HALLMARK CLEANERS
Year:	1954
Type:	CLOTHES CLEANERS AND PRESSERS
Name:	HALLMARK CLEANERS
Year:	1954
Type:	CLOTHES CLEANERS AND PRESSERS
Name:	HALLMARK CLEANERS
Year:	1954
Type:	DYERS AND CLEANERS
Name:	HALLMARK CLEANERS
Year:	1954
Type:	CLEANERS AND DYERS
Name:	HALLMARK CLEANERS
Year:	2001
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2003
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2004
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2005
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2006
Address:	1907 WILSHIRE BLVD

HALLMARK CLEANERS (Continued) **1009144047**

Name:	HALLMARK CLEANERS
Year:	2007
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2008
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS
Year:	2010
Address:	1907 WILSHIRE BLVD
Name:	HALLMARK CLEANERS & LAUNDRY
Year:	2011
Address:	1907 WILSHIRE BLVD

B10 **HALLMARK CLEANERS** **CA DRYCLEANERS S106832295**
WNW **1907 WILSHIRE BLVD** **CA EMI N/A**
< 1/8 **SANTA MONICA, CA 90403**
0.071 mi.
376 ft. **Site 5 of 7 in cluster B**

Relative:
Higher

Actual:
176 ft.

DRYCLEANERS:

EPA Id:	CAL000341593
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/20/2009
Facility Active:	No
Inactive Date:	06/30/2011
Facility Addr2:	Not reported
Owner Name:	HALLMARK CLEANERS & LAUNDRY CORP
Owner Address:	19241 HARNETT ST
Owner Address 2:	Not reported
Owner Telephone:	8186013307
Contact Name:	YERVANT E. CURUKCUYAN-PRES.
Contact Address:	19241 HARNETT ST
Contact Address 2:	Not reported
Contact Telephone:	8186013307
Mailing Name:	Not reported
Mailing Address 1:	1907 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City:	SANTA MONICA
Mailing State:	CA
Mailing Zip:	904035605
Owner Fax:	Not reported
Region Code:	8183689844
EPA Id:	CAL000360230
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	01/11/2011
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported

HALLMARK CLEANERS (Continued) **S106832295**

Owner Name:	JAMES JUNG
Owner Address:	1907 WILSHIRE BLVD
Owner Address 2:	Not reported
Owner Telephone:	4083348903
Contact Name:	JAMES JUNG
Contact Address:	1907 WILSHIRE BLVD
Contact Address 2:	Not reported
Contact Telephone:	3104533773
Mailing Name:	Not reported
Mailing Address 1:	1907 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City:	SANTA MONICA
Mailing State:	CA
Mailing Zip:	904030000
Owner Fax:	Not reported
Region Code:	Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	25086
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	25086
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	25086
Air District Name:	SC

HALLMARK CLEANERS (Continued) **S106832295**

SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	25086
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

B11
WNW
< 1/8
0.071 mi.
376 ft.

HALLMARK CLEANERS
1907 WILSHIRE BLVD
SANTA MONICA, CA 90403

RCRA-SQG **1000289931**
FINDS **CAD981991474**
CA DRYCLEANERS

Site 6 of 7 in cluster B

Relative:
Higher

Actual:
176 ft.

RCRA-SQG:

Date form received by agency:	09/09/1999
Facility name:	HALLMARK CLEANERS
Facility address:	1907 WILSHIRE BLVD SANTA MONICA, CA 90403
EPA ID:	CAD981991474
Contact:	PARK YOUNG
Contact address:	1907 WILSHIRE BLVD SANTA MONICA, CA 90403
Contact country:	US
Contact telephone:	(310) 453-3773
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	YOUNG K PARK

HALLMARK CLEANERS (Continued) **1000289931**

Owner/operator address: 1907 WILSHIRE BLVD
SANTA MONICA, CA 90403
Owner/operator country: Not reported
Owner/operator telephone: (310) 453-3773
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

HALLMARK CLEANERS (Continued) **1000289931**

Registry ID: 110002768933

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

DRYCLEANERS:

EPA Id:	CAD981991474
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/03/1987
Facility Active:	No
Inactive Date:	06/30/2009
Facility Addr2:	Not reported
Owner Name:	AL MICHAELS - PARTNER
Owner Address:	1907 WILSIRE BLVD
Owner Address 2:	Not reported
Owner Telephone:	0000000000
Contact Name:	Y.KWON PARK & SO J. PARK OWNER
Contact Address:	1907 WILSHIRE BLVD
Contact Address 2:	Not reported
Contact Telephone:	3104533773
Mailing Name:	Not reported
Mailing Address 1:	1907 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City:	SANTA MONICA
Mailing State:	CA
Mailing Zip:	904030000
Owner Fax:	Not reported
Region Code:	Not reported

B12 **EDR US Hist Cleaners** **1015009455**
WNW **1902 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA 90403**
0.073 mi.
384 ft. **Site 7 of 7 in cluster B**

Relative:
Higher

Actual:
175 ft.

EDR Historical Cleaners:

Name:	PARK AVE CLEANERS
Year:	2001
Address:	1902 WILSHIRE BLVD
Name:	PARK AVE CLEANERS

(Continued) **1015009455**

Year: 2003
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2005
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2006
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2007
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2008
Address: 1902 WILSHIRE BLVD

Name: PARK AVENUE CLEANERS
Year: 2010
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2011
Address: 1902 WILSHIRE BLVD

Name: PARK AVE CLEANERS
Year: 2012
Address: 1902 WILSHIRE BLVD

D13 **PEERLESS LAUNDRY** **EDR US Hist Cleaners** **1009144174**
NNW **2012 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.073 mi.
387 ft. **Site 1 of 4 in cluster D**

Relative:
Higher

Actual:
183 ft.

EDR Historical Cleaners:
Name: PEERLESS LAUNDRY
Year: 1940
Type: LAUNDRIES HAND

Name: PEERLESS LAUNDRY
Year: 1940
Type: LAUNDRIES STEAM

Name: PEERLESS LAUNDRY
Year: 1948
Type: LAUNDRIES STEAM

Name: PEERLESS LAUNDRY
Year: 1948
Type: LAUNDRIES STEAM

D14 **U DRIVE SERVICE STATION** **EDR US Hist Auto Stat** **1009019077**
North **2030 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.083 mi.
440 ft. **Site 2 of 4 in cluster D**

Relative:
Higher

Actual:
186 ft.

EDR Historical Auto Stations:

Name:	KENT W L
Year:	1928
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	GRANGER E H
Year:	1936
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	GRANGER E H
Year:	1936
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	GILLIGAN FRANK
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	GILLIGAN FRANK
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	FLEMING J W
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	FLEMING J W
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	U DRIVE SERVICE STATION
Year:	1954
Type:	GASOLINE STATIONS
Name:	U DRIVE SERVICE STATION
Year:	1954
Type:	GASOLINE STATIONS

D15 **EDR US Hist Cleaners** **1015014475**
North **2037 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA 90403**
0.087 mi.
457 ft. **Site 3 of 4 in cluster D**

Relative:
Higher

Actual:
186 ft.

EDR Historical Cleaners:

Name:	RENE FRENCH CLEANERS
Year:	2001
Address:	2037 WILSHIRE BLVD
Name:	RENE FRENCH CLEANERS
Year:	2002
Address:	2037 WILSHIRE BLVD
Name:	RENE FRENCH CLEANERS
Year:	2003

(Continued) **1015014475**

Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2004
Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2005
Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2006
Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2010
Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2011
Address: 2037 WILSHIRE BLVD

Name: RENE FRENCH CLEANERS
Year: 2012
Address: 2037 WILSHIRE BLVD

D16 **RENE FRENCH CLEANERS** **CA DRYCLEANERS** **1000196759**
North **2037 WILSHIRE BL** **CA EMI** **N/A**
< 1/8 **SANTA MONICA, CA 90403**
0.087 mi.
457 ft. **Site 4 of 4 in cluster D**

Relative:
Higher

Actual:
186 ft.

DRYCLEANERS:

EPA Id:	CAD981991425
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/03/1987
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	CHARLES M YOO
Owner Address:	2037 WILSHIRE BLVD
Owner Address 2:	Not reported
Owner Telephone:	3108299667
Contact Name:	PAUL YOO
Contact Address:	2037 WILSHIRE BLVD
Contact Address 2:	Not reported
Contact Telephone:	3108299667
Mailing Name:	Not reported
Mailing Address 1:	2037 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City:	SANTA MONICA
Mailing State:	CA
Mailing Zip:	904035607
Owner Fax:	Not reported
Region Code:	0000000000

RENE FRENCH CLEANERS (Continued) **1000196759**

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	58980
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

E17
WNW
< 1/8
0.092 mi.
488 ft.

PHOTO FINISH
1831 WILSHIRE BLVD
SANTA MONICA, CA 90403

RCRA-SQG 1000415277
FINDS CAD054159058
CA HAZNET

Site 1 of 8 in cluster E

Relative:
Higher

Actual:
172 ft.

RCRA-SQG:

Date form received by agency:	12/12/1996
Facility name:	PHOTO FINISH
Facility address:	1831 WILSHIRE BLVD SANTA MONICA, CA 90403
EPA ID:	CAD054159058
Contact:	SAEEDY MOHSEN
Contact address:	1831 WILSHIRE BLVD SANTA MONICA, CA 90403
Contact country:	US
Contact telephone:	(310) 829-4661
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MOHSEN SAEEDY
Owner/operator address:	744 LAVENDER PL LA VERNE, CA 91750
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 829-9877
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

PHOTO FINISH (Continued) **1000415277**

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002649661

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1000415277
Year:	1998
GEPAID:	CAD054159058
Contact:	MOHSEN SAEEDY
Telephone:	3108299877
Mailing Name:	Not reported
Mailing Address:	1831 WILSHIRE BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904030000
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.1110
Facility County:	Los Angeles

envid:	1000415277
Year:	1997
GEPAID:	CAD054159058
Contact:	MOHSEN SAEEDY
Telephone:	3108299877
Mailing Name:	Not reported
Mailing Address:	1831 WILSHIRE BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904030000
Gen County:	Not reported

PHOTO FINISH (Continued) **1000415277**

TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .0030
Facility County: Los Angeles

envid: 1000415277
Year: 1997
GEPAID: CAD054159058
Contact: MOHSEN SAEEDY
Telephone: 3108299877
Mailing Name: Not reported
Mailing Address: 1831 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported
TSD EPA ID: CAD108040858
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 3.6724
Facility County: Los Angeles

envid: 1000415277
Year: 1996
GEPAID: CAD054159058
Contact: MOHSEN SAEEDY
Telephone: 3108299877
Mailing Name: Not reported
Mailing Address: 1831 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported
TSD EPA ID: CAD108040858
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 3.4962
Facility County: Los Angeles

envid: 1000415277
Year: 1995
GEPAID: CAD054159058
Contact: MOHSEN SAEEDY
Telephone: 3108299877
Mailing Name: Not reported
Mailing Address: 1831 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported
TSD EPA ID: CAD108040585
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .1042
Facility County: Los Angeles

PHOTO FINISH (Continued) **1000415277**

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

E18
West
< 1/8
0.094 mi.
496 ft.

MEYERS GEO W **EDR US Hist Auto Stat** **1009020193**
1825 WILSHIRE BLVD **N/A**
SANTA MONICA, CA

Site 2 of 8 in cluster E

Relative:
Higher

Actual:
172 ft.

EDR Historical Auto Stations:

Name:	MEYERS GEO W
Year:	1954
Type:	AUTOMOBILE REPAIRING
Name:	MEYERS GEO W
Year:	1954
Type:	AUTOMOBILE REPAIRING

E19
West
< 1/8
0.095 mi.
502 ft.

EDR US Hist Auto Stat **1015281747**
N/A

1821 WILSHIRE BLVD
SANTA MONICA, CA 90403

Site 3 of 8 in cluster E

Relative:
Higher

Actual:
171 ft.

EDR Historical Auto Stations:

Name:	PRIME TIME SUPERIOR AUTOMOTIVE
Year:	2008
Address:	1821 WILSHIRE BLVD

E20
West
< 1/8
0.097 mi.
510 ft.

DEL & LEO GARAGE **EDR US Hist Auto Stat** **1009018328**
1815 WILSHIRE BLVD **N/A**
SANTA MONICA, CA

Site 4 of 8 in cluster E

Relative:
Higher

Actual:
171 ft.

EDR Historical Auto Stations:

Name:	DEL & LEO GARAGE
Year:	1948
Type:	AUTO REPAIRS
Name:	DEL & LEO GARAGE
Year:	1948
Type:	AUTOMOBILE REPAIRING
Name:	DEWEY S CHEVROLET SERVICE
Year:	1954
Type:	AUTOMOBILE REPAIRING
Name:	DEWEY S CHEVROLET SERVICE
Year:	1954
Type:	AUTOMOBILE REPAIRING

E21
West
< 1/8
0.097 mi.
513 ft.

STARLING & HATCHER CHEVRON STATION
1824 WILSHIRE BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009019073**
N/A

Site 5 of 8 in cluster E

Relative:
Higher

Actual:
171 ft.

EDR Historical Auto Stations:

Name:	STARLING & HATCHER CHEVRON STATION
Year:	1954
Type:	GASOLINE STATIONS
Name:	STARLING & HATCHER CHEVRON STATION
Year:	1954
Type:	GASOLINE STATIONS

E22
West
< 1/8
0.097 mi.
513 ft.

DIGITAL PRO LAB
1824 WILSHIRE BLVD
SANTA MONICA, CA 90403

RCRA-SQG **1000340258**
FINDS **CAD982482820**

Site 6 of 8 in cluster E

Relative:
Higher

Actual:
171 ft.

RCRA-SQG:

Date form received by agency:	12/12/1996
Facility name:	DIGITAL PRO LAB
Facility address:	1824 WILSHIRE BLVD SANTA MONICA, CA 90403
EPA ID:	CAD982482820
Contact:	SAEEDY MOHSEN
Contact address:	1824 WILSHIRE BLVD SANTA MONICA, CA 90403
Contact country:	US
Contact telephone:	(310) 829-4661
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MOHSEN SAEEDY
Owner/operator address:	744 LAVENDER PL LA VERNE, CA 91750
Owner/operator country:	Not reported
Owner/operator telephone:	(909) 920-0012
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator

DIGITAL PRO LAB (Continued) **1000340258**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002826096

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E23 **WOLD F E** **EDR US Hist Auto Stat** **1009016586**
West **1813 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.097 mi.
513 ft. **Site 7 of 8 in cluster E**

Relative:
Higher

Actual:
171 ft.

EDR Historical Auto Stations:
Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: GASOLINE AND OIL SERVICE STATIONS

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: SERVICE STATIONS

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: GASOLINE AND OIL SERVICE STATIONS

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: SERVICE STATIONS

WOLD F E (Continued) **1009016586**

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: GOLDEN STATE SUPER SERVICE
Year: 1928
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: WOOLARD D E
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: WOLD F E
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: WOLD F E
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: WOOLARD D E
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: I WOLD F E
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: WOLD F E
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: HARRIS ROGER
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: KANNAR GRAHAM
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: HARRIS. ROGER
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: KANNAR GRAHAM
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: ROTHSCHILD VICTOR
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: ROTHSCHILD VICTOR

WOLD F E (Continued) **1009016586**

Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: VIC S SUPER SERVICE
Year: 1954
Type: GASOLINE STATIONS

Name: VIC S SUPER SERVICE
Year: 1954
Type: GASOLINE STATIONS

F24 **QUICKLEAN SHELL SERVICE** **EDR US Hist Auto Stat** **1009019370**
North **2100 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.110 mi.
581 ft. **Site 1 of 4 in cluster F**

Relative:
Higher

Actual:
188 ft.

EDR Historical Auto Stations:
Name: QUICKLEAN SHELL SERVICE
Year: 1954
Type: GASOLINE STATIONS

Name: QUICKLEAN SHELL SERVICE
Year: 1954
Type: GASOLINE STATIONS

F25 **COMMUNITY LAUNDRY** **EDR US Hist Cleaners** **1009144385**
North **2105 WILSHIRE BLVD** **N/A**
< 1/8 **SANTA MONICA, CA**
0.113 mi.
597 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
188 ft.

EDR Historical Cleaners:
Name: COMMUNITY LAUNDRY
Year: 1940
Type: LAUNDRIES HAND

Name: COMMUNITY LAUNDRY
Year: 1940
Type: LAUNDRIES STEAM

E26 **RITE AID NO 5489** **RCRA-LQG** **1016955186**
West **1808 WILSHIRE BLVD** **CAR000249292**
< 1/8 **SANTA MONICA, CA 90403**
0.116 mi.
610 ft. **Site 8 of 8 in cluster E**

Relative:
Higher

Actual:
168 ft.

RCRA-LQG:
Date form received by agency: 08/05/2014
Facility name: RITE AID NO 5489
Facility address: 1808 WILSHIRE BLVD
SANTA MONICA, CA 90403 5610
EPA ID: CAR000249292
Mailing address: 30 HUNTER LN
CAMP HILL, PA 17011

RITE AID NO 5489 (Continued) **1016955186**

Contact:	STEPHANIE A CAIATI
Contact address:	30 HUNTER LN CAMP HILL, PA 17011
Contact country:	US
Contact telephone:	717-730-8225
Contact email:	SSCAIATI@RITEAID.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	RITE INVESTORES NUMBER 2 CALIFORNIA
Owner/operator address:	15200 SUNSET BLVD STE 204 PACIFIC PALISADES, 90272
Owner/operator country:	US
Owner/operator telephone:	310-230-2900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/28/1997
Owner/Op end date:	Not reported

Owner/operator name:	THRIFTY PAYLESS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/23/1997
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

RITE AID NO 5489 (Continued) **1016955186**

Used oil transfer facility: No
Used oil transporter: No

. Waste code: 131
. Waste name: 131

. Waste code: 141
. Waste name: 141

. Waste code: 214
. Waste name: 214

. Waste code: 232
. Waste name: 232

. Waste code: 311
. Waste name: 311

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Violation Status: No violations found

F27
North
< 1/8
0.119 mi.
628 ft.

2120 WILSHIRE BLVD
SANTA MONICA, CA 90403

Site 3 of 4 in cluster F

EDR US Hist Auto Stat **1015323875**
N/A

Relative:
Higher

Actual:
189 ft.

EDR Historical Auto Stations:

Name:	L & S CAR CARE
Year:	2002
Address:	2120 WILSHIRE BLVD

F28
North
< 1/8
0.120 mi.
633 ft.

BROWN LYLE P
2121 WILSHIRE BLVD
SANTA MONICA, CA

Site 4 of 4 in cluster F

EDR US Hist Auto Stat **1009019068**
N/A

Relative:
Higher

Actual:
189 ft.

EDR Historical Auto Stations:

Name:	KING PAUL
Year:	1940
Type:	AUTOMOBILE REPAIRING
Name:	KING PAUL
Year:	1940
Type:	AUTOMOBILE REPAIRING
Name:	BROWN LYLE P
Year:	1948
Type:	AUTO REPAIRS
Name:	BROWN LYLE P
Year:	1948
Type:	AUTOMOBILE REPAIRING

G29
SE
1/8-1/4
0.127 mi.
668 ft.

LEE DOOLEY CHEVRON
1919 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 1 of 14 in cluster G

CA HIST UST **U001563961**
N/A

Relative:
Lower

Actual:
152 ft.

HIST UST:

Region:	STATE
Facility ID:	00000020594
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	LEE DOOLEY
Telephone:	2138280582
Owner Name:	LEE DOOLEY
Owner Address:	1919 SANTA MONICA BL.
Owner City,St,Zip:	SANTA MONICA, CA 90404
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1967
Tank Capacity:	00025000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED

LEE DOOLEY CHEVRON (Continued) **U001563961**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1969
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

G30 **96554** **CA HIST UST** **U001563943**
SE **1919 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.127 mi.
668 ft. **Site 2 of 14 in cluster G**

Relative: HIST UST:
Lower
Region: STATE
Facility ID: 00000062895
Actual: Facility Type: Gas Station
152 ft. Other Type: Not reported
Contact Name: DOOLEY,LEAL R
Telephone: 2138280582
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1967
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1967
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 003

96554 (Continued) **U001563943**

Container Num:	3
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1967
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

H31 **S.M. FIRE STATION #3** **CA FID UST S101587300**
South **1302 019TH ST** **CA SWEEPS UST N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.128 mi.
675 ft. **Site 1 of 9 in cluster H**

Relative: **Lower**

Actual: **151 ft.**

CA FID UST:

Facility ID:	19055213
Regulated By:	UTNKA
Regulated ID:	00007717
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134588651
Mail To:	Not reported
Mailing Address:	1302 019TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA MONICA 90404
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	7717
Number:	4
Board Of Equalization:	44-010553
Referral Date:	04-05-90
Action Date:	04-05-90
Created Date:	02-29-88
Owner Tank Id:	#1
SWRCB Tank Id:	19-033-007717-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P

S.M. FIRE STATION #3 (Continued) **S101587300**

Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 7717
Number: 4
Board Of Equalization: 44-010553
Referral Date: 04-05-90
Action Date: 04-05-90
Created Date: 02-29-88
Owner Tank Id: #2
SWRCB Tank Id: 19-033-007717-000002
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

G32 **ARLAND A L** **EDR US Hist Auto Stat** **1009051917**
SE **1923 2 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.130 mi.
684 ft. **Site 3 of 14 in cluster G**

Relative: EDR Historical Auto Stations:
Lower Name: ARLAND A L
Year: 1948
Actual: Type: AUTOMOBILE REPAIRING
152 ft.

G33 **LLOYD B M** **EDR US Hist Cleaners** **1009144446**
SE **1931 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.137 mi.
722 ft. **Site 4 of 14 in cluster G**

Relative: EDR Historical Cleaners:
Lower Name: G LLOYD B M
Year: 1933
Actual: Type: CLOTHES PRESSERS AND CLEANERS
151 ft.

Name: LLOYD B M
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

Name: LLOYD B M
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

Name: LLOYD B M
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

Name: LLOYD B M
Year: 1940

LLOYD B M (Continued) **1009144446**

Type: CLOTHES PRESSERS AND CLEANERS

Name: LLOYD B M
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

G34 **YAXNAGUCHI KINJE** **EDR US Hist Cleaners** **1009144384**
SE **1913 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.137 mi.
725 ft. **Site 5 of 14 in cluster G**

Relative: EDR Historical Cleaners:
Lower
Name: YAXNAGUCHI KINJE
Year: 1940
Actual: Type: LAUNDRIES HAND
150 ft.

Name: YAXNAGUCHI KINJE
Year: 1940
Type: LAUNDRIES HAND

G35 **WHEELER & WATSON** **EDR US Hist Auto Stat** **1009016350**
SE **1911 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.138 mi.
728 ft. **Site 6 of 14 in cluster G**

Relative: EDR Historical Auto Stations:
Lower
Name: WHEELER & WATSON
Year: 1928
Actual: Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS
150 ft.

Name: WHEELER & WATSON
Year: 1928
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

G36 **BROADWAY CLEANERS AND DYERS AND SHOE REBUILDING CO** **EDR US Hist Cleaners** **1009143891**
SSE **1909 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.138 mi.
731 ft. **Site 7 of 14 in cluster G**

Relative: EDR Historical Cleaners:
Lower
Name: BROADWAY CLEANERS AND DYERS AND SHOE REBUILDING CO
Year: 1928
Actual: Type: CLOTHES PRESSERS, CLEANERS AND REPAIRERS
150 ft.

G37 **TEXACO** **CA HIST CORTESE U001563990**
SE **1932 SANTA MONICA BLVD** **CA LUST N/A**
1/8-1/4 **SANTA MONICA, CA 90404** **CA HIST UST**
0.139 mi.
733 ft. **Site 8 of 14 in cluster G**

Relative:
Lower

Actual:
151 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	904040334

LUST:

Region:	STATE
Global Id:	T0603701414
Latitude:	34.0282127
Longitude:	-118.4805662
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/19/1990
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	904040334
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701414
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701414
Status:	Open - Case Begin Date
Status Date:	01/01/1988
Global Id:	T0603701414
Status:	Completed - Case Closed
Status Date:	11/19/1990

Regulatory Activities:

Global Id:	T0603701414
Action Type:	Other
Date:	01/01/1988
Action:	Leak Discovery
Global Id:	T0603701414

TEXACO (Continued) **U001563990**

Action Type:	Other
Date:	01/01/1988
Action:	Leak Stopped
Global Id:	T0603701414
Action Type:	Other
Date:	11/14/1990
Action:	Leak Reported

HIST UST:

Region:	STATE
Facility ID:	00000017126
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	GEORGE A ADAMIAN
Telephone:	2138280691
Owner Name:	TEXACO U S A
Owner Address:	3350 WILSHIRE BLVD
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	4
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

G38
SE
1/8-1/4
0.139 mi.
733 ft.

SPOONE SAM TEXACO SERVICE
1932 SANTA MONICA BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009019072**
N/A

Site 9 of 14 in cluster G

Relative:
Lower

Actual:
151 ft.

EDR Historical Auto Stations:

Name:	RHODES R M
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	RHODES R M
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	SPOONE SAM TEXACO SERVICE
Year:	1954
Type:	GASOLINE STATIONS
Name:	SPOONE SAM TEXACO SERVICE
Year:	1954
Type:	GASOLINE STATIONS

G39
SE
1/8-1/4
0.139 mi.
733 ft.

TEXACO
1932 SANTA MONICA BLVD
SANTA MONICA, CA 90404

CA LUST **S105033712**
N/A

Site 10 of 14 in cluster G

Relative:
Lower

Actual:
151 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	904040334	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701414	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	20 ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	1/1/1988	
Date Leak First Reported:		11/14/1990
Date Leak Record Entered:	7/21/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	1/1/1988	
Date Case Last Changed on Database:		7/21/1993
Date the Case was Closed:		11/19/1990
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	TEXACO USA	
Water System:	Not reported	
Well Name:	Not reported	

TEXACO (Continued) **S105033712**

Approx. Dist To Production Well (ft):	4141.652386541724123384016 1327
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	TEXACO USA
RP Address:	10 UNIVERSAL CITY PLAZA, UNIVERSAL CITY, CA 90401
Program:	LUST
Lat/Long:	34.0279898 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

G40 **COWAN J H** **EDR US Hist Auto Stat** **1009016242**
SSE **1907 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.139 mi.
735 ft. **Site 11 of 14 in cluster G**

Relative: EDR Historical Auto Stations:
Lower

Name:	COWAN J H
Year:	1920
Type:	AUTOMOBILE REPAIRING

Actual:
150 ft.

Name:	COWAN J H
Year:	1920
Type:	AUTOMOBILE REPAIRING

G41 **JACOBS W C** **EDR US Hist Auto Stat** **1009021727**
SE **2002 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.139 mi.
736 ft. **Site 12 of 14 in cluster G**

Relative: EDR Historical Auto Stations:
Lower

Name:	NEWSUM & TOLBERT
Year:	1928
Type:	GASOLINE AND OIL SERVICE STATIONS

Actual:
152 ft.

Name:	TRAVIS L T

JACOBS W C (Continued) **1009021727**

Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: TRAVIS L T
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: JONES F 0
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: JACOBS W C
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: JACOBS W C
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

G42 **DAVIES TOM INC** **EDR US Hist Auto Stat** **1009018946**
SSE **1908 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.140 mi.
741 ft. **Site 13 of 14 in cluster G**

Relative: EDR Historical Auto Stations:
Lower
Name: DAVIES TOM INC
Year: 1954
Actual: Type: AUTOMOBILE REPAIRING
150 ft.

Name: DAVIES TOM INC
Year: 1954
Type: AUTOMOBILE REPAIRING

G43 **ASNER JESS** **EDR US Hist Cleaners** **1009146517**
SSE **1903 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.141 mi.
745 ft. **Site 14 of 14 in cluster G**

Relative: EDR Historical Cleaners:
Lower
Name: ASNER JESS
Year: 1948
Actual: Type: CLOTHES PRESSERS AND CLEANERS
150 ft.

Name: ASNER JESS
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: COLEMAN CLEANERS
Year: 1954
Type: CLEANERS AND DYERS

I44 **SAINT JOHN'S HEALTH CENTER** **CA NPDES U003971201**
ENE **1328 22ND ST** **CA UST N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.142 mi.
752 ft. **Site 1 of 5 in cluster I**

Relative: UST:
Higher Facility ID: 600294
Permitting Agency: SANTA MONICA, CITY OF
Actual: Latitude: 34.032507
167 ft. Longitude: -118.477574

I45 **SAINT JOHN'S HOSPITAL & HEALTH CENTER** **CA LUST S106176217**
ENE **1328 22ND ST** **CA CHMIRS N/A**
1/8-1/4 **SANTA MONICA, CA 90404** **CA EMI**
0.142 mi.
752 ft. **Site 2 of 5 in cluster I**

Relative: LUST:
Higher Region: STATE
Global Id: T10000000705
Actual: Latitude: 34.0299936564868
167 ft. Longitude: -118.479727506638
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 04/26/2010
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: DMB
Local Agency: SANTA MONICA, CITY OF
RB Case Number: 904040471
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T10000000705
Contact Type: Local Agency Caseworker
Contact Name: MONICA HANLEY
Organization Name: SANTA MONICA, CITY OF
Address: 333 Olympic Drive - 2nd Floor
City: SANTA MONICA
Email: monica.hanley@smgov.net
Phone Number: Not reported

Global Id: T10000000705
Contact Type: Regional Board Caseworker
Contact Name: DAVID M. BJOSTAD
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: Los Angeles
Email: dbjostad@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T10000000705
Status: Open - Site Assessment

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Status Date: 01/21/2009

Global Id: T10000000705
Status: Open - Site Assessment
Status Date: 08/13/2009

Global Id: T10000000705
Status: Open - Case Begin Date
Status Date: 10/30/2008

Global Id: T10000000705
Status: Open - Referred
Status Date: 06/30/2009

Global Id: T10000000705
Status: Open - Remediation
Status Date: 04/26/2010

Regulatory Activities:
Global Id: T10000000705
Action Type: RESPONSE
Date: 06/28/2013
Action: Well Installation Workplan - Regulator Responded

Global Id: T10000000705
Action Type: ENFORCEMENT
Date: 05/19/2011
Action: Staff Letter

Global Id: T10000000705
Action Type: ENFORCEMENT
Date: 08/26/2010
Action: Verbal Enforcement

Global Id: T10000000705
Action Type: RESPONSE
Date: 09/20/2010
Action: Other Report / Document

Global Id: T10000000705
Action Type: RESPONSE
Date: 02/28/2011
Action: Soil and Water Investigation Workplan

Global Id: T10000000705
Action Type: ENFORCEMENT
Date: 09/14/2010
Action: Verbal Enforcement

Global Id: T10000000705
Action Type: Other
Date: 10/30/2008
Action: Leak Discovery

Global Id: T10000000705
Action Type: RESPONSE
Date: 02/29/2012

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Action:	Soil and Water Investigation Report
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	05/06/2011
Action:	Soil and Water Investigation Workplan
Global Id:	T10000000705
Action Type:	REMEDIATION
Date:	04/26/2010
Action:	Excavation
Global Id:	T10000000705
Action Type:	REMEDIATION
Date:	01/06/2012
Action:	Free Product Removal
Global Id:	T10000000705
Action Type:	ENFORCEMENT
Date:	01/06/2011
Action:	Staff Letter
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Remedial Progress Report
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	07/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000000705
Action Type:	ENFORCEMENT
Date:	03/12/2012
Action:	Staff Letter
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	07/15/2012
Action:	Remedial Progress Report
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	10/15/2012
Action:	Remedial Progress Report
Global Id:	T10000000705
Action Type:	ENFORCEMENT
Date:	08/02/2013
Action:	Staff Letter
Global Id:	T10000000705
Action Type:	RESPONSE
Date:	01/15/2013
Action:	Monitoring Report - Semi-Annually

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Global Id: T10000000705
Action Type: RESPONSE
Date: 01/15/2013
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: Other
Date: 01/21/2009
Action: Leak Reported

Global Id: T10000000705
Action Type: RESPONSE
Date: 04/15/2013
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T10000000705
Action Type: RESPONSE
Date: 01/15/2014
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: RESPONSE
Date: 11/30/2013
Action: Well Installation Report

Global Id: T10000000705
Action Type: RESPONSE
Date: 09/30/2013
Action: Electronic Reporting Submittal Due

Global Id: T10000000705
Action Type: RESPONSE
Date: 07/15/2013
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T10000000705
Action Type: ENFORCEMENT
Date: 01/08/2013
Action: Staff Letter

Global Id: T10000000705
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T10000000705
Action Type: ENFORCEMENT

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Date: 06/30/2009
Action: Referral to Regional Board

Global Id: T10000000705
Action Type: RESPONSE
Date: 02/28/2011
Action: Other Report / Document

Global Id: T10000000705
Action Type: RESPONSE
Date: 07/15/2014
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: RESPONSE
Date: 01/15/2015
Action: Remedial Progress Report

Global Id: T10000000705
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter

CHMIRS:
OES Incident Number: '08-2061
OES notification: 03/14/2008
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Spill Site:	Other
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	0915
Year:	2008
Agency:	NRC
Incident Date:	3/14/2008
Admin Agency:	City of Santa Monica
Amount:	Not reported
Contained:	No
Site Type:	Not reported
E Date:	Not reported
Substance:	unknown material
Quantity Released:	unk
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	per NRC fax: "Caller reports strong fecal ordor mixed with chemicals, covering the entire 3rd floor of the hospital, caused by the possibility that the building does not have a sump pump." (St. Johns Health Center)

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8060
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	20
NOX - Oxides of Nitrogen Tons/Yr:	14
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	35
NOX - Oxides of Nitrogen Tons/Yr:	27
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	18
NOX - Oxides of Nitrogen Tons/Yr:	14
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	18
NOX - Oxides of Nitrogen Tons/Yr:	14
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	18
NOX - Oxides of Nitrogen Tons/Yr:	14
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	18

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

NOX - Oxides of Nitrogen Tons/Yr:	14
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	18
NOX - Oxides of Nitrogen Tons/Yr:	16
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	9
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	9
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2004

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36195
Reactive Organic Gases Tons/Yr:	0.19
Carbon Monoxide Emissions Tons/Yr:	8.8241
NOX - Oxides of Nitrogen Tons/Yr:	4.7755
SOX - Oxides of Sulphur Tons/Yr:	0.021095
Particulate Matter Tons/Yr:	0.20049
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.2

Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.22099
Reactive Organic Gases Tons/Yr:	.112294848
Carbon Monoxide Emissions Tons/Yr:	.22821
NOX - Oxides of Nitrogen Tons/Yr:	1.1188
SOX - Oxides of Sulphur Tons/Yr:	.027583
Particulate Matter Tons/Yr:	.27993
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.2789364

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6.9732936098067605E-2
Reactive Organic Gases Tons/Yr:	0.05425
Carbon Monoxide Emissions Tons/Yr:	0.20999999999999999
NOX - Oxides of Nitrogen Tons/Yr:	0.77000000000000002
SOX - Oxides of Sulphur Tons/Yr:	0.010456
Particulate Matter Tons/Yr:	5.5780000000000003E-2
Part. Matter 10 Micrometers & Smllr Tons/Yr:	5.4579999999999997E-2

Year:	2010
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	9999
Air District Name:	SOUTH COAST AQMD

SAINT JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S106176217**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.2702513188529201
Reactive Organic Gases Tons/Yr:	1.0492699999999999
Carbon Monoxide Emissions Tons/Yr:	2.3097300000000001
NOX - Oxides of Nitrogen Tons/Yr:	4.6665299999999998
SOX - Oxides of Sulphur Tons/Yr:	5.1619999999999999E-2
Particulate Matter Tons/Yr:	6.0503200000000001
Part. Matter 10 Micrometers & Smllr Tons/Yr:	4.3336360000000003
Year:	2012
County Code:	19
Air Basin:	SC
Facility ID:	14833
Air District Name:	SC
SIC Code:	8060
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8744888136
Reactive Organic Gases Tons/Yr:	0.36263
Carbon Monoxide Emissions Tons/Yr:	2.90206
NOX - Oxides of Nitrogen Tons/Yr:	3.98414
SOX - Oxides of Sulphur Tons/Yr:	0.22218
Particulate Matter Tons/Yr:	0.70162
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.69858274

I46
ENE
1/8-1/4
0.142 mi.
752 ft.

ST. JOHN'S HOSPITAL & HEALTH CENTER
1328 TWENTY-SECOND STREET
SANTA MONICA, CA 90404

CA ENVIROSTOR **S110494332**
N/A

Site 3 of 5 in cluster I

Relative:
Higher

Actual:
167 ft.

ENVIROSTOR:

Facility ID:	71002561
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	50
Senate:	28
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.01218
Longitude:	-118.4939
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED

ST. JOHN'S HOSPITAL & HEALTH CENTER (Continued) **S110494332**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD072945850
Alias Type: EPA Identification Number
Alias Name: 110001175665
Alias Type: EPA (FRS #)
Alias Name: 71002561
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

I47
ENE
1/8-1/4
0.142 mi.
752 ft.

SAINT JOHN'S HEALTH CENTER
1328 22ND STREET
SANTA MONICA, CA 90404

RCRA-LQG 1000265605
CA FID UST CAD072945850
NY MANIFEST
CA SWEEPS UST

Site 4 of 5 in cluster I

Relative:
Higher

Actual:
167 ft.

RCRA-LQG:
Date form received by agency: 03/29/2012
Facility name: SAINT JOHN'S HEALTH CENTER
Facility address: 1328 22ND STREET
SANTA MONICA, CA 90404
EPA ID: CAD072945850
Mailing address: SANTA MONICA BLVD.
SANTA MONICA, CA 90404
Contact: GREG EDLING
Contact address: 22ND STREET
SANTA MONICA, CA 90404
Contact country: US
Contact telephone: (310) 829-8431
Contact email: GREG.EDLING@STJOHNS.ORG
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SISTERS OF CHARITY OF LEAVENWORTH
Owner/operator address:	RENNER BLVD. SUITE 100
	LENEXA, KS 62219
Owner/operator country:	US
Owner/operator telephone:	(310) 829-8431
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2005
Owner/Op end date:	Not reported

Owner/operator name:	SISTERS OF CHARITY OF
Owner/operator address:	1328 22ND STREET
	SANTA MONICA, CA 90404
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1942
Owner/Op end date:	Not reported

Owner/operator name:	SISTERS OF CHARITY OF LEAVENWORTH
Owner/operator address:	RENNER BLVD. SUITE 100
	LENEXA, KS 62219
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 829-8431
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/01/2005
Owner/Op end date:	Not reported

Owner/operator name:	SAINT JOHN'S HEALTH CENTER
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1942
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 09/28/2010
Site name: SAINT JOHN'S HEALTH CENTER
Classification: Large Quantity Generator

. Waste code: 141
. Waste name: 141

. Waste code: 211
. Waste name: 211

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 331
. Waste name: 331

. Waste code: 352

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/01/2008
Site name: SAINT JOHN'S HEALTH CENTER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/24/2006
Site name: SAINT JOHN'S HEALTH CENTER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE(BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/23/2004
Site name: SAINT JOHNS HEALTH CENTER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/01/1996
Site name: ST JOHNS HOSP & HEALTH CTR#
Classification: Small Quantity Generator

Date form received by agency: 04/12/1990
Site name: ST JOHNS HOSP & HEALTH CTR#
Classification: Large Quantity Generator

Date form received by agency: 10/29/1980
Site name: ST JOHNS HOSP & HEALTH CTR#
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 275104.3

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 2395

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 5141

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 156213.5

Violation Status: No violations found

CA FID UST:
Facility ID: 19053365
Regulated By: UTNKA
Regulated ID: 00029583
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2138298143
Mail To: Not reported
Mailing Address: 1328 22ND ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

NY MANIFEST:
EPA ID: CAD072945850
Country: USA
Location Address 1: 1328 W 22ND ST
Location Address 2: Not reported
Location City: SANTA MONICA
Location State: CA
Location Zip Code: 90404
Location Zip Code 4: Not reported

Mailing Info:
Name: ST JOHNS HOSPITAL
Contact: MARY MATHIS
Address: 1328 W 22ND ST
City/State/Zip: SANTA MONICA, CA 90404
Country: USA
Phone: 310-829-8431

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

Manifest:

Document ID:	NYG1607634
Manifest Status:	Not reported
Trans1 State ID:	Not reported
Trans2 State ID:	71071NNY
Generator Ship Date:	07/10/2000
Trans1 Recv Date:	07/10/2000
Trans2 Recv Date:	07/25/2000
TSD Site Recv Date:	08/03/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD072945850
Trans1 EPA ID:	SCR000074591
Trans2 EPA ID:	NYD982792814
TSDF ID:	NYD000632372
Waste Code:	U075 - DICHLORODIFLUOROMETHANE
Quantity:	00060
Units:	P - Pounds
Number of Containers:	006
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2000

SWEEPS UST:

Status:	Active
Comp Number:	29583
Number:	1
Board Of Equalization:	44-010569
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	MHC
SWRCB Tank Id:	19-033-029583-000001
Tank Status:	A
Capacity:	500
Active Date:	03-20-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	4

Status:	Active
Comp Number:	29583
Number:	1
Board Of Equalization:	44-010569
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	SOUTH
SWRCB Tank Id:	19-033-029583-000002
Tank Status:	A
Capacity:	15000
Active Date:	03-20-91
Tank Use:	M.V. FUEL

SAINT JOHN'S HEALTH CENTER (Continued) **1000265605**

STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	29583
Number:	1
Board Of Equalization:	44-010569
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	NORTH
SWRCB Tank Id:	19-033-029583-000003
Tank Status:	A
Capacity:	15000
Active Date:	03-20-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	29583
Number:	1
Board Of Equalization:	44-010569
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	DIESEL-STORAGE
SWRCB Tank Id:	19-033-029583-000004
Tank Status:	A
Capacity:	2000
Active Date:	03-20-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

I48 **1328 22ND ST** **CA NPDES U001563970**
ENE **1328 22ND STREET** **CA HIST UST N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.142 mi.
752 ft. **Site 5 of 5 in cluster I**

Relative:
Higher

Actual:
167 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	186751
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C309436
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/28/1998
Expiration Date Of Regulatory Measure:	Not reported

1328 22ND ST (Continued) **U001563970**

Termination Date Of Regulatory Measure:	09/02/2010
Discharge Name:	Saint Johns Health Center
Discharge Address:	2121 Santa Monica Blvd
Discharge City:	Santa Monica
Discharge State:	California
Discharge Zip:	90404

HIST UST:

Region:	STATE
Facility ID:	00000029583
Facility Type:	Other
Other Type:	HOSPITAL
Contact Name:	JAMES D. TREGURTHA
Telephone:	2138298142
Owner Name:	SAINT JOHN'S HOSPITAL AND HEAL
Owner Address:	1328 22ND STREET
Owner City,St,Zip:	SANTA MONICA, CA 90404
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1978
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1978
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1979
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

J49 **JAIME PARIS M D** **RCRA-SQG 1000246743**
ESE **2021 SANTA MONICA BLVD** **FINDS CAD981414279**
1/8-1/4 **SANTA MONICA, CA 90404** **CA HAZNET**
0.145 mi. **CA EMI**
767 ft. **Site 1 of 7 in cluster J**

Relative:
Lower

Actual:
153 ft.

RCRA-SQG:

Date form received by agency:	05/27/1986
Facility name:	MEDICAL CENTRE OF SANTA MONICA
Facility address:	2021 SANTA MONICA BLVD SANTA MONICA, CA 90404
EPA ID:	CAD981414279
Mailing address:	9777 WILSHIRE BLVD BEVERYLY HILLS, CA 90212
Contact:	ENVIRONMENTAL MANAGER
Contact address:	2021 SANTA MONICA BLVD SANTA MONICA, CA 90404
Contact country:	US
Contact telephone:	(415) 555-1212
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MEDICAL CENTRE OF SANTA MONICA
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

JAIME PARIS M D (Continued) **1000246743**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009549382

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1000246743
Year:	2013
GEPAID:	CAD981414279
Contact:	CHARLIE REEVES
Telephone:	3103002200
Mailing Name:	Not reported
Mailing Address:	1880 CENTURY PARK EAST STE 500
Mailing City,St,Zip:	LOS ANGELES, CA 900674332
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	14
Facility County:	Not reported

envid:	1000246743
Year:	2012
GEPAID:	CAD981414279
Contact:	CHARLIE REEVES
Telephone:	3103002200
Mailing Name:	Not reported
Mailing Address:	1880 CENTURY PARK EAST STE 500
Mailing City,St,Zip:	LOS ANGELES, CA 900674332
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles

JAIME PARIS M D (Continued) **1000246743**

Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	12
Facility County:	Los Angeles
envid:	1000246743
Year:	2009
GEPAID:	CAD981414279
Contact:	J HELD, CHEIF OPERATING OFCR
Telephone:	3103002200
Mailing Name:	Not reported
Mailing Address:	1880 CENTURY PARK EAST STE 500
Mailing City,St,Zip:	LOS ANGELES, CA 900674332
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	9.2
Facility County:	Los Angeles
envid:	1000246743
Year:	2008
GEPAID:	CAD981414279
Contact:	J HELD, CHEIF OPERATING OFCR
Telephone:	3103002200
Mailing Name:	Not reported
Mailing Address:	1880 CENTURY PARK EAST STE 500
Mailing City,St,Zip:	LOS ANGELES, CA 900674332
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Facility County:	Los Angeles
envid:	1000246743
Year:	2006
GEPAID:	CAD981414279
Contact:	J HELD, CHEIF OPERATING OFCR
Telephone:	3103002200
Mailing Name:	Not reported
Mailing Address:	1880 CENTURY PARK EAST #500
Mailing City,St,Zip:	LOS ANGELES, CA 900674332
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	4.21
Facility County:	Los Angeles

JAIME PARIS M D (Continued) **1000246743**

Click this hyperlink while viewing on your computer to access
23 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	70612
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

J50 **JAIME PARIS M D** RCRA-SQG **1000598195**
ESE **2021 SANTA MONICA BLVD** **CAD983622416**
1/8-1/4 **SANTA MONICA, CA 90404**
0.145 mi.
767 ft. **Site 2 of 7 in cluster J**

Relative:
Lower

Actual:
153 ft.

RCRA-SQG:

Date form received by agency:	03/09/1992
Facility name:	JAIME PARIS M D
Facility address:	2021 SANTA MONICA BLVD STE 650E SANTA MONICA, CA 90404
EPA ID:	CAD983622416
Contact:	LIZANNE CHANCE
Contact address:	2021 SANTA MONICA BLVD STE 650E SANTA MONICA, CA 90404
Contact country:	US
Contact telephone:	(310) 828-4575
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JAIME PARIS M D
Owner/operator address:	2021 SANTA MONICA BLV STE 650E SANTA MONICA, CA 90404
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 828-4575
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported

JAIME PARIS M D (Continued) **1000598195**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J51 **GENERAL TELEPHONE CO** **CA LUST S102430698**
ESE **2020 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90406**
0.146 mi.
772 ft. **Site 3 of 7 in cluster J**

Relative:
Lower

Actual:
153 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	121594-66	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700215	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	22ND ST.	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/12/1986	
Date Leak First Reported:		11/13/1990
Date Leak Record Entered:	3/22/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	9/12/1983	
Date Case Last Changed on Database:		6/30/1993
Date the Case was Closed:		11/19/1990
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	

GENERAL TELEPHONE CO (Continued) **S102430698**

Approx. Dist To Production Well (ft):	3896.5878159738301873316982692
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	GENERAL TELEPHONE CO.
RP Address:	P.O. BIX 725, CHINO, CA 91708
Program:	LUST
Lat/Long:	34.0287308 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

J52 **SANTA MONICA** **CA HIST UST** **U001563972**
ESE **2020 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.146 mi.
772 ft. **Site 4 of 7 in cluster J**

Relative: **Lower**

Actual: **153 ft.**

HIST UST:

Region:	STATE
Facility ID:	00000003724
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Contact Name:	LARRY F. BLIGH
Telephone:	2134516428
Owner Name:	GENERAL TELEPHONE COMPAMY OF C
Owner Address:	4959 PALO VERDE DRIVE
Owner City,St,Zip:	MONTCLAIR, CA 91763
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2

SANTA MONICA (Continued) **U001563972**

Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

J53 **GENERAL TELEPHONE CO** **CA HIST CORTESE S103958063**
ESE **2020 SANTA MONICA** **CA LUST N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.146 mi.
772 ft. **Site 5 of 7 in cluster J**

Relative:
Lower

Actual:
153 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	121594-66

LUST:

Region:	STATE
Global Id:	T0603700215
Latitude:	34.0287308
Longitude:	-118.4797153
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/19/1990
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	121594-66
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700215
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603700215
Status:	Open - Case Begin Date
Status Date:	09/12/1983

Global Id:	T0603700215
Status:	Completed - Case Closed
Status Date:	11/19/1990

GENERAL TELEPHONE CO (Continued) **S103958063**

Regulatory Activities:

Global Id:	T0603700215
Action Type:	Other
Date:	09/12/1986
Action:	Leak Discovery
Global Id:	T0603700215
Action Type:	Other
Date:	09/12/1983
Action:	Leak Stopped
Global Id:	T0603700215
Action Type:	Other
Date:	11/13/1990
Action:	Leak Reported

J54 **UCLA PATHOLOGY OUTREACH HISTOLOGY LABORATORY** **RCRA-SQG** **1014950484**
ESE **2020 SANTA MONICA BLVD** **CAR000224097**
1/8-1/4 **SANTA MONICA, CA 90404**
0.147 mi.
777 ft. **Site 6 of 7 in cluster J**

Relative:
Lower

Actual:
153 ft.

RCRA-SQG:

Date form received by agency:	03/20/2012
Facility name:	UCLA PATHOLOGY OUTREACH HISTOLOGY LABORATORY
Facility address:	2020 SANTA MONICA BLVD STE 590 SANTA MONICA, CA 90404
EPA ID:	CAR000224097
Mailing address:	BOX 951732 AS 370 CHS LOS ANGELES, CA 90095
Contact:	MARY ALICE MITA
Contact address:	BOX 951732 AS 370 CHS LOS ANGELES, CA 90095
Contact country:	US
Contact telephone:	310-825-9734
Contact email:	MMITA@MEDNET.UCLA.EDU
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	REGENTS UNIV OF CALIFORNIA
Owner/operator address:	1111 FRANKLIN ST OAKLAND, CA 94607
Owner/operator country:	US
Owner/operator telephone:	310-825-4012
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	07/07/1955
Owner/Op end date:	Not reported

UCLA PATHOLOGY OUTREACH HISTOLOGY LABORATORY (Continued) **1014950484**

Owner/operator name: REGENTS UNIV OF CALIFORNIA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 07/07/1955
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 214
. Waste name: 214

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

J55
ESE
1/8-1/4
0.152 mi.
805 ft.

PALM SERVICE STATION
2042 SANTA MONICA BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009052003**
N/A

Site 7 of 7 in cluster J

Relative:
Lower

Actual:
154 ft.

EDR Historical Auto Stations:

Name:	PALM SERVICE STATION
Year:	1928
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MASSAGLIA JAS
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS

H56
SSE
1/8-1/4
0.154 mi.
815 ft.

DOUTRE WM
1836 SANTA MONICA BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009018265**
N/A

Site 2 of 9 in cluster H

Relative:
Lower

Actual:
149 ft.

EDR Historical Auto Stations:

Name:	MILLER H L
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MILLER H L
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	DOUTRE WM
Year:	1936
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	DOUTRE WM
Year:	1936
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	DRISKEL D D
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	DRISKEL D D
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	EGGLESTON T A
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	EGGLESTON T A
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS

H57 **SAAB OF SANTA MONICA** **RCRA-SQG 1000150602**
SSE **1820 SANTA MONICA BLVD** **FINDS CAD981675358**
1/8-1/4 **SANTA MONICA, CA 90404**
0.158 mi.
832 ft. **Site 3 of 9 in cluster H**

Relative:
Lower

Actual:
148 ft.

RCRA-SQG:

Date form received by agency:	02/14/2002
Facility name:	SAAB OF SANTA MONICA
Facility address:	1820 SANTA MONICA BLVD SANTA MONICA, CA 90404
EPA ID:	CAD981675358
Contact:	JOHN SHEARER
Contact address:	1820 SANTA MONICA BLVD SANTA MONICA, CA 90404
Contact country:	US
Contact telephone:	(310) 453-4282
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	SAAB OF SANTA MONICA
Owner/operator address:	1820 SANTA MONICA BLVD SANTA MONICA, CA 90404
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 453-4282
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/14/2002
Site name:	SAAB OF SANTA MONICA
Classification:	Large Quantity Generator

SAAB OF SANTA MONICA (Continued) **1000150602**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

Date form received by agency: 09/01/1996
Site name: SAAB OF SANTA MONICA
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002746725

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H58 **SANTA MONICA BMW** **CA HIST CORTESE** **S101585458**
SSE **1820 SANTA MONICA BLVD** **CA LUST** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404** **CA FID UST**
0.158 mi. **CA SWEEPS UST**
832 ft. **Site 4 of 9 in cluster H**

Relative: HIST CORTESE:
Lower Region: CORTESE
Facility County Code: 19
Actual: Reg By: LTNKA
148 ft. Reg Id: 904040298

LUST:
Region: STATE
Global Id: T0603701410
Latitude: 34.0271408
Longitude: -118.4816653
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/07/1994
Lead Agency: SANTA MONICA, CITY OF
Case Worker: MH
Local Agency: SANTA MONICA, CITY OF
RB Case Number: 904040298
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

SANTA MONICA BMW (Continued) **S101585458**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701410
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701410
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Status History:

Global Id:	T0603701410
Status:	Completed - Case Closed
Status Date:	01/07/1994

Global Id:	T0603701410
Status:	Open - Case Begin Date
Status Date:	11/05/1993

Global Id:	T0603701410
Status:	Open - Site Assessment
Status Date:	01/07/1994

Regulatory Activities:

Global Id:	T0603701410
Action Type:	Other
Date:	11/05/1993
Action:	Leak Discovery

Global Id:	T0603701410
Action Type:	ENFORCEMENT
Date:	10/06/2011
Action:	Closure/No Further Action Letter

Global Id:	T0603701410
Action Type:	Other
Date:	01/07/1994
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles

SANTA MONICA BMW (Continued) **S101585458**

Facility Id:	904040298	
Status:	Leak being confirmed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701410	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	019TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	11/5/1993	
Date Leak First Reported:		1/7/1994
Date Leak Record Entered:	5/23/1995	
Date Confirmation Began:	1/7/1994	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/7/1995
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	ARNOLD, GARY	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4446.7628079120919092539941694
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SANTA MONICA BMW	
RP Address:	1820 SANTA MONICA BLVD SANTA MONICA CA 90404	
Program:	LUST	
Lat/Long:	34.0271408 / -1	
Local Agency Staff:	UNK	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	HYDROCARBONS FOUND DURING MONITORING WELL CONSTRUCTION; FURTHER ACTION REQUIRED BY SANTA MONICA ENV PROG DIV.	

SANTA MONICA BMW (Continued) **S101585458**

CA FID UST:

Facility ID:	19023911
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2138293535
Mail To:	Not reported
Mailing Address:	1702 SANTA MONICA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA MONICA 90404
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	109
Number:	1
Board Of Equalization:	44-010519
Referral Date:	03-19-91
Action Date:	03-19-91
Created Date:	01-12-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-033-000109-000001
Tank Status:	A
Capacity:	500
Active Date:	03-19-91
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

H59 **EDR US Hist Auto Stat** **1015281546**
SSE **1820 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.158 mi.
832 ft. **Site 5 of 9 in cluster H**

Relative:
Lower

EDR Historical Auto Stations:

Name:	SAAB OF SANTA MONICA
Year:	2003
Address:	1820 SANTA MONICA BLVD

Actual:
148 ft.

K60
West
1/8-1/4
0.160 mi.
847 ft.

1731 WILSHIRE BLVD
SANTA MONICA, CA 90403

Site 1 of 3 in cluster K

EDR US Hist Cleaners **1015004718**
N/A

Relative:
Lower

Actual:
166 ft.

EDR Historical Cleaners:

Name:	PRESTIGE CLEANERS
Year:	2001
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2002
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2003
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2004
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2006
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2010
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2011
Address:	1731 WILSHIRE BLVD
Name:	PRESTIGE CLEANERS
Year:	2012
Address:	1731 WILSHIRE BLVD

K61
West
1/8-1/4
0.160 mi.
847 ft.

PRESTIGE CLEANERS
1731 WILSHIRE BLVD
SANTA MONICA, CA 90403

Site 2 of 3 in cluster K

CA DRYCLEANERS **S113107546**
CA HAZNET **N/A**

Relative:
Lower

Actual:
166 ft.

DRYCLEANERS:

EPA Id:	CAL000212502
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/27/2000
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	PRESTIGE CUSTOM CLEANERS INC
Owner Address:	1731 WILSHIRE BLVD
Owner Address 2:	Not reported
Owner Telephone:	3108294664
Contact Name:	JOSEPH EBRAHIM

PRESTIGE CLEANERS (Continued) **S113107546**

Contact Address: 1731 WILSHIRE BLVD
Contact Address 2: Not reported
Contact Telephone: 3108776988
Mailing Name: Not reported
Mailing Address 1: 1731 WILSHIRE BLVD
Mailing Address 2: Not reported
Mailing City: SANTA MONICA
Mailing State: CA
Mailing Zip: 904030000
Owner Fax: Not reported
Region Code: Not reported

HAZNET:
envid: S113107546
Year: 2008
GEPAID: CAL000212502
Contact: JOSEPH ABRAHEM
Telephone: 3108294664
Mailing Name: Not reported
Mailing Address: 1731 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075
Facility County: Los Angeles

envid: S113107546
Year: 2008
GEPAID: CAL000212502
Contact: JOSEPH ABRAHEM
Telephone: 3108294664
Mailing Name: Not reported
Mailing Address: 1731 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Solvents Recovery
Tons: 0.5187
Facility County: Los Angeles

envid: S113107546
Year: 2008
GEPAID: CAL000212502
Contact: JOSEPH ABRAHEM
Telephone: 3108294664
Mailing Name: Not reported
Mailing Address: 1731 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904030000
Gen County: Not reported

PRESTIGE CLEANERS (Continued) **S113107546**

TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Solvents Recovery
Tons:	0.22935
Facility County:	Los Angeles
envid:	S113107546
Year:	2007
GEPAID:	CAL000212502
Contact:	JOSEPH ABRAHEM
Telephone:	3108294664
Mailing Name:	Not reported
Mailing Address:	1731 WILSHIRE BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904030000
Gen County:	Not reported
TSD EPA ID:	NVR000076158
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Los Angeles
envid:	S113107546
Year:	2007
GEPAID:	CAL000212502
Contact:	JOSEPH ABRAHEM
Telephone:	3108294664
Mailing Name:	Not reported
Mailing Address:	1731 WILSHIRE BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904030000
Gen County:	Not reported
TSD EPA ID:	NVR000076158
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	0.2
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
20 additional CA_HAZNET: record(s) in the EDR Site Report.

62
NNE
1/8-1/4
0.174 mi.
919 ft.

BLAKER SERVICE
2228 WILSHIRE BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009018487**
N/A

Relative:
Higher

Actual:
191 ft.

EDR Historical Auto Stations:

Name:	ROBINSON A G
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	ROBINSON A G
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS

BLAKER SERVICE (Continued) **1009018487**

Name: BACON R E
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: BACON R E
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: BACON R E
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: BACON R E
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: MAJORS HAROLD
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: MAJORS HAROLD
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: BLAKER SERVICE
Year: 1954
Type: GASOLINE STATIONS

Name: BLAKER SERVICE
Year: 1954
Type: GASOLINE STATIONS

H63
South
1/8-1/4
0.177 mi.
934 ft.

SHELL SERVICE STATION
1802 SANTA MONICA
SANTA MONICA, CA 90404

Site 6 of 9 in cluster H

RCRA-SQG **1006805116**
FINDS **CAR000123638**
CA LUST
CA HAZNET

Relative:
Lower

Actual:
147 ft.

RCRA-SQG:
Date form received by agency: 07/29/2002
Facility name: SHELL SERVICE STATION
Facility address: 1802 SANTA MONICA
S A P NO 136088
SANTA MONICA, CA 90404
EPA ID: CAR000123638
Mailing address: P O BOX 2648
HOUSTON, TX 772522648
Contact: SONDRA BIENVENU
Contact address: P O BOX 2648
HOUSTON, TX 772522648
Contact country: US
Contact telephone: (713) 241-5036
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

SHELL SERVICE STATION (Continued) **1006805116**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EQUILON ENTERPRISES LLC DBA
Owner/operator address: P O BOX 2648
HOUSTON, TX 77252
Owner/operator country: Not reported
Owner/operator telephone: (713) 241-5036
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110013309776

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHELL SERVICE STATION (Continued) **1006805116**

LUST:

Region:	STATE
Global Id:	T0603748686
Latitude:	34.027208
Longitude:	-118.4815
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/11/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	Not reported
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904040443
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603748686
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Status History:

Global Id:	T0603748686
Status:	Open - Site Assessment
Status Date:	09/07/2006
Global Id:	T0603748686
Status:	Completed - Case Closed
Status Date:	07/11/2007
Global Id:	T0603748686
Status:	Open - Case Begin Date
Status Date:	03/17/2003
Global Id:	T0603748686
Status:	Open - Site Assessment
Status Date:	03/17/2003

Regulatory Activities:

Global Id:	T0603748686
Action Type:	Other
Date:	03/17/2003
Action:	Leak Discovery
Global Id:	T0603748686
Action Type:	ENFORCEMENT
Date:	05/18/2005

SHELL SERVICE STATION (Continued) **1006805116**

Action: Staff Letter

Global Id: T0603748686
Action Type: ENFORCEMENT
Date: 07/21/2005
Action: Staff Letter

Global Id: T0603748686
Action Type: REMEDIATION
Date: 06/14/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0603748686
Action Type: ENFORCEMENT
Date: 03/07/2007
Action: Notification - Preclosure

Global Id: T0603748686
Action Type: ENFORCEMENT
Date: 03/05/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0603748686
Action Type: ENFORCEMENT
Date: 10/19/2006
Action: Staff Letter

Global Id: T0603748686
Action Type: ENFORCEMENT
Date: 07/11/2007
Action: Closure/No Further Action Letter

Global Id: T0603748686
Action Type: RESPONSE
Date: 03/21/2007
Action: Other Report / Document

Global Id: T0603748686
Action Type: RESPONSE
Date: 06/30/2005
Action: Other Report / Document

Global Id: T0603748686
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 03/27/2005
Action: Other Report / Document

SHELL SERVICE STATION (Continued) **1006805116**

Global Id: T0603748686
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 01/26/2007
Action: Request for Closure

Global Id: T0603748686
Action Type: Other
Date: 04/16/2003
Action: Leak Reported

Global Id: T0603748686
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 01/09/2006
Action: Soil and Water Investigation Report

Global Id: T0603748686
Action Type: RESPONSE
Date: 12/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603748686
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 09/07/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603748686
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603748686
Action Type: RESPONSE

SHELL SERVICE STATION (Continued) **1006805116**

Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603748686
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	904040443	
Status:	Preliminary site assessment underway	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603748686	
W Global ID:	Not reported	
Staff:	Not reported	
Local Agency:	19033	
Cross Street:	18TH ST.	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/17/2003	
Date Leak First Reported:		4/16/2003
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		3/17/2003
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		12/30/2003
Hist Max MTBE Conc in Groundwater:		1
Hist Max MTBE Conc in Soil:		14000
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	ND	
Soil Qualifier:	=	
Organization:	Not reported	
Owner Contact:	Not reported	

SHELL SERVICE STATION (Continued) **1006805116**

Responsible Party:	FERYAL SARRAFIAN
RP Address:	2555 N. ONTARIO ST.
Program:	Not reported
Lat/Long:	0 / 0
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040452
Status:	Pollution Characterization
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603792065
W Global ID:	Not reported
Staff:	JH
Local Agency:	19033
Cross Street:	MICHIGAN AVE
Enforcement Type:	SEL
Date Leak Discovered:	1/14/2003
Date Leak First Reported:	1/14/2003
Date Leak Record Entered:	Not reported
Date Confirmation Began:	1/14/2003
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	Not reported
How Leak Discovered:	OM
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	Not reported
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	4/18/2004
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/23/2004
Hist Max MTBE Conc in Groundwater:	120
Hist Max MTBE Conc in Soil:	68
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	=
Soil Qualifier:	=

SHELL SERVICE STATION (Continued) **1006805116**

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BRAD BOSCHETTO
RP Address:	2225 ONTARIO ST
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

HAZNET:

envid:	1006805116
Year:	2003
GEPAID:	CAR000123638
Contact:	N CORTEZ/ENVT'L DATA ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE MFT 240-G
Mailing City,St,Zip:	Houston, TX 770672508
Gen County:	Not reported
TSD EPA ID:	CAD982484933
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Disposal, Other
Tons:	12
Facility County:	Los Angeles

envid:	1006805116
Year:	2002
GEPAID:	CAR000123638
Contact:	N CORTEZ/ENVT'L DATA ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE MFT 240-G
Mailing City,St,Zip:	Houston, TX 770672508
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	2.08
Facility County:	Los Angeles

envid:	1006805116
Year:	2002
GEPAID:	CAR000123638
Contact:	N CORTEZ/ENVT'L DATA ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DRIVE MFT 240-G
Mailing City,St,Zip:	Houston, TX 770672508
Gen County:	Not reported
TSD EPA ID:	CAD028409019

SHELL SERVICE STATION (Continued) **1006805116**

TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Treatment, Tank
Tons: 0.68
Facility County: Los Angeles

H64 **SANTA MONICA SHELL** **CA FID UST** **S101583645**
South **1802 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.177 mi.
934 ft. **Site 7 of 9 in cluster H**

Relative:
Lower

Actual:
147 ft.

CA FID UST:
Facility ID: 19005188
Regulated By: UTNKA
Regulated ID: 00004784
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134536655
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H65 **USA PETROLEUM COMPANY #97** **CA HIST UST** **U001563991**
South **1802 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.177 mi.
934 ft. **Site 8 of 9 in cluster H**

Relative:
Lower

Actual:
147 ft.

HIST UST:
Region: STATE
Facility ID: 00000004784
Facility Type: Gas Station
Other Type: Not reported
Contact Name: FARID SALIH
Telephone: 2138294383
Owner Name: USA PETROLEUM COMPANY
Owner Address: P.O. BOX 1839
Owner City,St,Zip: SANTA MONICA, CA 90406
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1973
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4

USA PETROLEUM COMPANY #97 (Continued) **U001563991**

Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1973
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1973
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

H66 **SANTA MONICA SHELL** **CA SWEEPS UST** **U003783677**
South **1802 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.177 mi.
934 ft. **Site 9 of 9 in cluster H**

Relative:
Lower

Actual:
147 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4784
Number:	1
Board Of Equalization:	44-000074
Referral Date:	03-19-91
Action Date:	03-19-91
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-033-004784-000001
Tank Status:	A
Capacity:	12000
Active Date:	03-19-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4
Status:	Active
Comp Number:	4784
Number:	1
Board Of Equalization:	44-000074
Referral Date:	03-19-91

SANTA MONICA SHELL (Continued) **U003783677**

Action Date:	03-19-91
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-033-004784-000002
Tank Status:	A
Capacity:	12000
Active Date:	03-19-91
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	4784
Number:	1
Board Of Equalization:	44-000074
Referral Date:	03-19-91
Action Date:	03-19-91
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	19-033-004784-000003
Tank Status:	A
Capacity:	12000
Active Date:	03-19-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	4784
Number:	1
Board Of Equalization:	44-000074
Referral Date:	03-19-91
Action Date:	03-19-91
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	19-033-004784-000004
Tank Status:	A
Capacity:	12000
Active Date:	03-19-91
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

L67 **GARCIA P J** **EDR US Hist Auto Stat** **1009051054**
SSW **1328 17TH** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.196 mi.
1037 ft. **Site 1 of 3 in cluster L**

Relative:
Lower

Actual:
151 ft.

EDR Historical Auto Stations:

Name:	GARCIA P J
Year:	1936
Type:	AUTOMOBILE REPAIRING

L68 **GARCIA P J** **EDR US Hist Auto Stat** **1009019675**
SSW **1328 17TH ST E** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.196 mi.
1037 ft. **Site 2 of 3 in cluster L**

Relative: EDR Historical Auto Stations:
Lower Name: GARCIA P J
Year: 1933
Actual: Type: AUTOMOBILE REPAIRING
151 ft.

Name: GARCIA P J
Year: 1936
Type: AUTOMOBILE REPAIRING

L69 **GARCIA P J** **EDR US Hist Auto Stat** **1009052009**
SSW **1328 17TH ST** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.198 mi.
1043 ft. **Site 3 of 3 in cluster L**

Relative: EDR Historical Auto Stations:
Lower Name: GARCIA P J
Year: 1933
Actual: Type: AUTOMOBILE REPAIRING
151 ft.

M70 **EDR US Hist Auto Stat** **1015223933**
South **1414 18TH ST** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.198 mi.
1044 ft. **Site 1 of 6 in cluster M**

Relative: EDR Historical Auto Stations:
Lower Name: SONIC AUTOMOTIVE INC
Year: 2002
Actual: Address: 1414 18TH ST
146 ft.

M71 **KRAMER MOTORS, VOLVO** **CA HIST UST** **1000297885**
South **1414 - 18TH STREET** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.198 mi.
1044 ft. **Site 2 of 6 in cluster M**

Relative: HIST UST:
Lower Region: STATE
Facility ID: 00000007834
Actual: Facility Type: Other
146 ft. Other Type: DEALERSHIP
Contact Name: JAMES E. HAVENS
Telephone: 2138294574
Owner Name: KRAMER MOTORS, INC. - VOLVO
Owner Address: 1414 - 18TH STREET
Owner City,St,Zip: SANTA MONICA, CA 90404
Total Tanks: 0003

Tank Num: 001
Container Num: G1

KRAMER MOTORS, VOLVO (Continued) **1000297885**

Year Installed:	1979
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	None

Tank Num:	002
Container Num:	G2
Year Installed:	1979
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	None

Tank Num:	003
Container Num:	W1
Year Installed:	1975
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	None

M72 **KRAMER HONDA** **CA HIST CORTESE S100865943**
South **1414 18TH ST** **CA LUST N/A**
1/8-1/4 **SANTA MONICA, CA 90404** **CA SWEEPS UST**
0.198 mi.
1044 ft. **Site 3 of 6 in cluster M**

Relative: **Lower**

Actual: **146 ft.**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	904040189

LUST:

Region:	STATE
Global Id:	T0603701399
Latitude:	34.0267748
Longitude:	-118.4818053
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/29/2013
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	MH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904040189
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

KRAMER HONDA (Continued) **S100865943**

Contact:

Global Id:	T0603701399
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701399
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Status History:

Global Id:	T0603701399
Status:	Completed - Case Closed
Status Date:	05/29/2013

Global Id:	T0603701399
Status:	Open - Case Begin Date
Status Date:	12/18/1996

Global Id:	T0603701399
Status:	Open - Site Assessment
Status Date:	03/17/1997

Global Id:	T0603701399
Status:	Open - Site Assessment
Status Date:	09/15/1997

Regulatory Activities:

Global Id:	T0603701399
Action Type:	Other
Date:	12/18/1996
Action:	Leak Discovery

Global Id:	T0603701399
Action Type:	Other
Date:	04/30/1997
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040189
Status:	Pollution Characterization
Substance:	Hydrocarbons

KRAMER HONDA (Continued) **S100865943**

Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701399
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033
Cross Street:	SANTA MONICA BLVD
Enforcement Type:	Not reported
Date Leak Discovered:	12/18/1996
Date Leak First Reported:	4/30/1997
Date Leak Record Entered:	8/28/1998
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	4/30/1997
Date the Case was Closed:	Not reported
How Leak Discovered:	Tank Closure
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	4491.92370592297372282163 8038
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	4/30/1997
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	.056
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	KRAMER MOTORS GROUP
RP Address:	1726 SANTA MONICA BLVD., SANTA MONICA, CA 90404
Program:	LUST
Lat/Long:	34.0267748 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	7834
Number:	1

KRAMER HONDA (Continued) **S100865943**

Board Of Equalization:	44-010556
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	G1
SWRCB Tank Id:	19-033-007834-000001
Tank Status:	A
Capacity:	6200
Active Date:	03-20-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Status:	Active
Comp Number:	7834
Number:	1
Board Of Equalization:	44-010556
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	G2
SWRCB Tank Id:	19-033-007834-000002
Tank Status:	A
Capacity:	6200
Active Date:	03-20-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	7834
Number:	1
Board Of Equalization:	44-010556
Referral Date:	03-20-91
Action Date:	03-20-91
Created Date:	02-29-88
Owner Tank Id:	W1
SWRCB Tank Id:	19-033-007834-000003
Tank Status:	A
Capacity:	400
Active Date:	03-20-91
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

K73 **W.I. SIMONSON MERCEDES BENZ** **CA AST** **A100337087**
WSW **1700 WILSHIRE BLVD.** **N/A**
1/8-1/4 **SANTA MONICA, CA 90403**
0.199 mi.
1052 ft. **Site 3 of 3 in cluster K**

Relative: AST:
Lower Certified Unified Program Agencies: Santa Monica
Owner: Sonic-Santa Monica.M, Inc.
Actual: Total Gallons: 1,320
165 ft.

N74 **SUNKIST LAUNDRY** **EDR US Hist Cleaners** **1009163488**
SE **1449 20TH ST** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.200 mi.
1058 ft. **Site 1 of 2 in cluster N**

Relative: EDR Historical Cleaners:
Lower Name: SUNKIST LAUNDRY
Year: 1936
Actual: Type: LAUNDRIES STEAM
148 ft.

N75 **SUNKIST LAUNDRY** **EDR US Hist Cleaners** **1009144856**
SE **1449 20TH ST E** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.201 mi.
1061 ft. **Site 2 of 2 in cluster N**

Relative: EDR Historical Cleaners:
Lower Name: SUNKIST LAUNDRY
Year: 1936
Actual: Type: LAUNDRIES STEAM
148 ft.

M76 **HONDA OF SANTA MONICA** **CA AST** **A100339103**
South **1720 SANTA MONICA BLVD.** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.205 mi.
1083 ft. **Site 4 of 6 in cluster M**

Relative: AST:
Lower Certified Unified Program Agencies: Santa Monica
Owner: Honda of Santa Monica
Actual: Total Gallons: 1,320
146 ft.

M77 **KRAMER MOTORS INC. (HONDA)** **CA HIST UST** **1000297883**
South **1717 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.206 mi.
1089 ft. **Site 5 of 6 in cluster M**

Relative: HIST UST:
Lower Region: STATE
Facility ID: 00000007840
Actual: Facility Type: Other
145 ft. Other Type: AUTO REPAIR

KRAMER MOTORS INC. (HONDA) (Continued) **1000297883**

Contact Name:	BILL RICE
Telephone:	2138294574
Owner Name:	MR. ROBERT KRAMER
Owner Address:	1717 SANTA MONICA BLVD.
Owner City,St,Zip:	SANTA MONICA, CA 90404
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	1964
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

M78 **SANTA MONICA ACURA** **RCRA-SQG 1000819609**
South **1717 SANTA MONICA BLVD** **FINDS CAD983656018**
1/8-1/4 **SANTA MONICA, CA 90404** **CA HAZNET**
0.206 mi.
1089 ft. **Site 6 of 6 in cluster M**

Relative:
Lower

Actual:
145 ft.

RCRA-SQG:

Date form received by agency:	04/05/1993
Facility name:	SANTA MONICA ACURA
Facility address:	1717 SANTA MONICA BLVD SANTA MONICA, CA 90404
EPA ID:	CAD983656018
Contact:	JOHN GALL
Contact address:	1717 SANTA MONICA BLVD SANTA MONICA, CA 90404
Contact country:	US
Contact telephone:	(310) 829-1113
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	STEVE MICHTRUONG
Owner/operator address:	1717 SANTA MONICA BLVD SANTA MONICA, CA 90404
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 829-1113
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

SANTA MONICA ACURA (Continued) **1000819609**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002890079

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZNET:

envid:	1000819609
Year:	2013
GEPAID:	CAD983656018
Contact:	JOE GUTIERREZ
Telephone:	3104961138
Mailing Name:	Not reported
Mailing Address:	1717 SANTA MONICA BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904041906
Gen County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1125
Facility County:	Not reported

envid:	1000819609
Year:	2013
GEPAID:	CAD983656018
Contact:	JOE GUTIERREZ

SANTA MONICA ACURA (Continued) **1000819609**

Telephone:	3104961138
Mailing Name:	Not reported
Mailing Address:	1717 SANTA MONICA BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904041906
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	2.085
Facility County:	Not reported
envid:	1000819609
Year:	2012
GEPAID:	CAD983656018
Contact:	JOE GUTIERREZ
Telephone:	3104961138
Mailing Name:	Not reported
Mailing Address:	1717 SANTA MONICA BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904041906
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	4.17
Facility County:	Los Angeles
envid:	1000819609
Year:	2012
GEPAID:	CAD983656018
Contact:	JOE GUTIERREZ
Telephone:	3104961138
Mailing Name:	Not reported
Mailing Address:	1717 SANTA MONICA BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904041906
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	4.17
Facility County:	Los Angeles
envid:	1000819609
Year:	2011
GEPAID:	CAD983656018
Contact:	MANUEL KAPPADAKUNNEL
Telephone:	3108291113
Mailing Name:	Not reported
Mailing Address:	1717 SANTA MONICA BLVD
Mailing City,St,Zip:	SANTA MONICA, CA 904041906
Gen County:	Not reported
TSD EPA ID:	CAD097030993

SANTA MONICA ACURA (Continued) **1000819609**

TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
53 additional CA_HAZNET: record(s) in the EDR Site Report.

O79 **EDR US Hist Cleaners** **1015020300**
East **2201 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.213 mi.
1124 ft. **Site 1 of 5 in cluster O**

Relative:
Lower

Actual:
156 ft.

EDR Historical Cleaners:
Name: METROPOLITAN CLEANERS
Year: 2002
Address: 2201 SANTA MONICA BLVD

O80 **MEDICAL CLINICAL LABS#** **RCRA-SQG** **1000246740**
East **2200 SANTA MONICA BLVD** **FINDS** **CAD010703189**
1/8-1/4 **SANTA MONICA, CA 90404**
0.214 mi.
1131 ft. **Site 2 of 5 in cluster O**

Relative:
Lower

Actual:
156 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MEDICAL CLINICAL LABS#
Facility address: 2200 SANTA MONICA BLVD
SANTA MONICA, CA 90404
EPA ID: CAD010703189
Mailing address: SANTA MONICA BLVD
SANTA MONICA, CA 90404
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MEDICAL CLINICAL LABORATORY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212

MEDICAL CLINICAL LABS# (Continued) **1000246740**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/18/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110055813222

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002638110

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

81
ENE
1/8-1/4
0.215 mi.
1133 ft.

1335 23RD ST
SANTA MONICA, CA 90404

EDR US Hist Auto Stat **1015209984**
N/A

Relative:
Lower

Actual:
164 ft.

EDR Historical Auto Stations:
Name: AUTO DESIGN
Year: 2003
Address: 1335 23RD ST

O82
East
1/8-1/4
0.217 mi.
1148 ft.

GALLOWAY C M
2208 SANTA MONICA BLVD
SANTA MONICA, CA

Site 3 of 5 in cluster O

EDR US Hist Cleaners **1009145293**
N/A

Relative:
Lower

Actual:
156 ft.

EDR Historical Cleaners:
Name: GALLOWAY C M
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: GALLOWAY C M
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

O83
East
1/8-1/4
0.224 mi.
1184 ft.

ALBERT RALPH E
2227 SANTA MONICA BLVD
SANTA MONICA, CA

Site 4 of 5 in cluster O

EDR US Hist Auto Stat **1009020297**
N/A

Relative:
Lower

Actual:
156 ft.

EDR Historical Auto Stations:
Name: ALBERT RALPH E
Year: 1954
Type: GASOLINE STATIONS

Name: ALBERT RALPH E
Year: 1954
Type: GASOLINE STATIONS

O84
East
1/8-1/4
0.226 mi.
1195 ft.

ACME CLEANERS
2228 SANTA MONICA BLVD
SANTA MONICA, CA

Site 5 of 5 in cluster O

EDR US Hist Cleaners **1009143955**
N/A

Relative:
Lower

Actual:
156 ft.

EDR Historical Cleaners:
Name: ACME CLEANERS
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

Name: ACME CLEANERS
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

P85 **MOODY JACK B SERVICE STATION** **EDR US Hist Auto Stat** **1009016275**
WSW **1629 WILSHIRE BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.232 mi.
1225 ft. **Site 1 of 6 in cluster P**

Relative:
Lower

Actual:
165 ft.

EDR Historical Auto Stations:

Name:	STRATMAN J T
Year:	1924
Type:	AUTOMOBILE SERVICE STATIONS
Name:	STRATMAN J T
Year:	1924
Type:	AUTOMOBILE SERVICE STATIONS
Name:	SMITH BROS
Year:	1928
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY J B
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY J B
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY J B
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY J B
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY J B
Year:	1948
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MOODY JACK B SERVICE STATION
Year:	1954
Type:	GASOLINE STATIONS
Name:	MOODY JACK B SERVICE STATION
Year:	1954
Type:	GASOLINE STATIONS

P86 **W I SIMONSON** **RCRA-SQG** **1000131882**
WSW **1626 WILSHIRE** **FINDS** **CAD982054058**
1/8-1/4 **SANTA MONICA, CA 90403**
0.233 mi.
1231 ft. **Site 2 of 6 in cluster P**

Relative:
Lower

Actual:
165 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	W I SIMONSON
Facility address:	1626 WILSHIRE SANTA MONICA, CA 90403
EPA ID:	CAD982054058
Contact:	Not reported

W I SIMONSON (Continued) **1000131882**

Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MARY REHWALD
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	09/01/1996
Site name:	W I SIMONSON
Classification:	Small Quantity Generator

W I SIMONSON (Continued) **1000131882**

Date form received by agency: 02/24/1992
Site name: W I SIMONSON
Classification: Large Quantity Generator

Date form received by agency: 10/09/1987
Site name: W I SIMONSON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002790374

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

P87 **W. I. SIMONSON, INC.** **CA LUST S104539553**
WSW **1626 WILSHIRE BLVD** **CA HAZNET N/A**
1/8-1/4 **SANTA MONICA, CA 90403**
0.233 mi.
1231 ft. **Site 3 of 6 in cluster P**

Relative:
Lower

Actual:
165 ft.

LUST:

Region:	STATE
Global Id:	T0603792914
Latitude:	34.028615
Longitude:	-118.485934
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/12/2000
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	RB
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904030052
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603792914
Contact Type:	Local Agency Caseworker

W. I. SIMONSON, INC. (Continued) **S104539553**

Contact Name: RICHARD H. BERMAN
Organization Name: SANTA MONICA, CITY OF
Address: Not reported
City: SANTA MONICA
Email: Not reported
Phone Number: Not reported

Global Id: T0603792914
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603792914
Status: Completed - Case Closed
Status Date: 05/12/2000

Global Id: T0603792914
Status: Open - Case Begin Date
Status Date: 06/17/1998

Global Id: T0603792914
Status: Open - Site Assessment
Status Date: 05/11/2000

Regulatory Activities:
Global Id: T0603792914
Action Type: Other
Date: 08/06/1998
Action: Leak Discovery

Global Id: T0603792914
Action Type: Other
Date: 06/17/1998
Action: Leak Stopped

Global Id: T0603792914
Action Type: Other
Date: 05/12/2000
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 904030052
Status: Preliminary site assessment workplan submitted
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil

W. I. SIMONSON, INC. (Continued) **S104539553**

Abatement Method Used at the Site:		Not reported
Global ID:	T0603792914	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	17TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/6/1998	
Date Leak First Reported:		5/12/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	6/17/1998	
Date Case Last Changed on Database:		12/26/2000
Date the Case was Closed:		Not reported
How Leak Discovered:	Repair Tank	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	CIFF WONG	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4954.917626687012155811542311 8
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		5/12/2000
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		1.4
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	W. I. SIMONSON, INC.	
RP Address:	1626 WILSHIRE BLVD., SANTA MONICA, CA 90403	
Program:	LUST	
Lat/Long:	34.028443 / -1	
Local Agency Staff:	UNK	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

HAZNET:

envid:	S104539553
Year:	2013
GEPAID:	CAC002715572
Contact:	CHRIS PASS
Telephone:	8007849247
Mailing Name:	Not reported

W. I. SIMONSON, INC. (Continued) **S104539553**

Mailing Address: 4401 COLWICK RD
Mailing City,St,Zip: CHARLOTTE, NC 282112311
Gen County: Los Angeles
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.2
Facility County: Not reported

P88 **W.I. SIMONSON, INC.** **CA FID UST S101617748**
WSW **1626 WILSHIRE BLVD** **CA SWEEPS UST N/A**
1/8-1/4 **SANTA MONICA, CA 90403**
0.233 mi.
1231 ft. **Site 4 of 6 in cluster P**

Relative:
Lower

Actual:
165 ft.

CA FID UST:
Facility ID: 19051449
Regulated By: UTNKA
Regulated ID: 00020579
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2138294511
Mail To: Not reported
Mailing Address: 1626 WILSHIRE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90403
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 20579
Number: 9
Board Of Equalization: 44-010562
Referral Date: 02-12-91
Action Date: 02-12-91
Created Date: 02-29-88
Owner Tank Id: 3UCD
SWRCB Tank Id: 19-033-020579-000001
Tank Status: A
Capacity: 1000
Active Date: 02-15-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 4

Status: Active
Comp Number: 20579
Number: 9

W.I. SIMONSON, INC. (Continued) **S101617748**

Board Of Equalization: 44-010562
Referral Date: 02-12-91
Action Date: 02-12-91
Created Date: 02-29-88
Owner Tank Id: 4S
SWRCB Tank Id: 19-033-020579-000002
Tank Status: A
Capacity: 2500
Active Date: 02-15-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 20579
Number: 9
Board Of Equalization: 44-010562
Referral Date: 02-12-91
Action Date: 02-12-91
Created Date: 02-29-88
Owner Tank Id: 4S
SWRCB Tank Id: 19-033-020579-000004
Tank Status: A
Capacity: 250
Active Date: 02-15-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 20579
Number: 9
Board Of Equalization: 44-010562
Referral Date: 02-12-91
Action Date: 02-12-91
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 19-033-020579-000005
Tank Status: A
Capacity: 500
Active Date: 02-15-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

P89
WSW
1/8-1/4
0.233 mi.
1231 ft.

W.I. SIMONSON MERCEDES BENZ
1626 WILSHIRE BLVD.
SANTA MONICA, CA 90403

CA AST **A100337202**
N/A

Site 5 of 6 in cluster P

Relative:
Lower

Actual:
165 ft.

AST:
Certified Unified Program Agencies: Santa Monica
Owner: Sonic-Santa Monica.M, Inc.
Total Gallons: 1,320

P90
WSW
1/8-1/4
0.233 mi.
1231 ft.

SIMONSON SCHACTMAYER INC
1626 WILSHIRE BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009020206**
N/A

Site 6 of 6 in cluster P

Relative:
Lower

Actual:
165 ft.

EDR Historical Auto Stations:

Name: THOMPSON MOTOR CO LTD
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: THOMPSON MOTOR CO LTD
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: SIMONSON - SCHACTMAYER INC
Year: 1948
Type: AUTO REPAIRS

Name: SIMONSON SCHACTMAYER INC
Year: 1954
Type: AUTOMOBILE REPAIRING

Name: SIMONSON SCHACTMAYER INC
Year: 1954
Type: AUTOMOBILE REPAIRING

Q91
NNE
1/8-1/4
0.235 mi.
1243 ft.

HECKART HARRY
2328 WILSHIRE BLVD
SANTA MONICA, CA

EDR US Hist Auto Stat **1009021451**
N/A

Site 1 of 6 in cluster Q

Relative:
Higher

Actual:
191 ft.

EDR Historical Auto Stations:

Name: GARVIN G F
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: GARVIN G F
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: HECKART HARRY
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: HECKART HARRY

HECKART HARRY (Continued) **1009021451**

Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: NEAL L W
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: NEAL L W
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

R92 **S M MIISUBISHI** **CA FID UST S101585564**
South **1695 SANTA MONICA BLVD** **CA SWEEPS UST N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.237 mi.
1253 ft. **Site 1 of 5 in cluster R**

Relative:
Lower

Actual:
144 ft.

CA FID UST:
Facility ID: 19025325
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1695 SANTA MONICA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 136
Number: 1
Board Of Equalization: 44-010517
Referral Date: 01-12-90
Action Date: 01-12-90
Created Date: 01-12-90
Owner Tank Id: 136-01
SWRCB Tank Id: 19-033-000136-000001
Tank Status: A
Capacity: 300
Active Date: 03-19-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

R93 **KRAMER ACURA** **CA HIST CORTESE** **1000395249**
South **1695 SANTA MONICA** **CA LUST** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.237 mi.
1253 ft. **Site 2 of 5 in cluster R**

Relative:
Lower

Actual:
144 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	904040170

LUST:

Region:	STATE
Global Id:	T0603701398
Latitude:	34.0263308
Longitude:	-118.4830373
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/16/2007
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	MH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904040170
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701398
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701398
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Status History:

Global Id:	T0603701398
Status:	Completed - Case Closed
Status Date:	02/21/1997

Global Id:	T0603701398
Status:	Open - Site Assessment
Status Date:	06/12/2007

KRAMER ACURA (Continued) **1000395249**

Global Id: T0603701398
Status: Completed - Case Closed
Status Date: 08/16/2007

Global Id: T0603701398
Status: Open - Case Begin Date
Status Date: 12/18/1996

Global Id: T0603701398
Status: Open - Remediation
Status Date: 09/16/1997

Global Id: T0603701398
Status: Open - Reopen Case
Status Date: 03/09/1997

Global Id; T0603701398
Status: Open - Site Assessment
Status Date: 03/10/1997

Regulatory Activities:
Global Id: T0603701398
Action Type: Other
Date: 12/18/1996
Action: Leak Discovery

Global Id: T0603701398
Action Type: Other
Date: 12/18/1996
Action: Leak Stopped

Global Id: T0603701398
Action Type: Other
Date: 02/21/1997
Action: Leak Reported

Global Id: T0603701398
Action Type: ENFORCEMENT
Date: 08/16/2007
Action: Closure/No Further Action Letter

R94 **KRAMER ACURA** **CA LUST S103281853**
South **1695 SANTA MONICA BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90404**
0.237 mi.
1253 ft. **Site 3 of 5 in cluster R**

Relative: LUST REG 4:
Lower Region: 4
Regional Board: 04
Actual: County: Los Angeles
144 ft. Facility Id: 904040170
Status: Pollution Characterization
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported

KRAMER ACURA (Continued) **S103281853**

Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701398	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	17TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/18/1996	
Date Leak First Reported:		2/21/1997
Date Leak Record Entered:	11/14/1997	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	12/18/1996	
Date Case Last Changed on Database:		2/21/1997
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4871.9664125585353815945580602
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		12/18/1996
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	KRAMER MOTORS GROUP	
RP Address:	1726 SANTA MONICA BLVD., SANTA MONICA, CA 90404	
Program:	LUST	
Lat/Long:	34.0263308 / -1	
Local Agency Staff:	UNK	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

Q95 **GRUNDY W F** **EDR US Hist Auto Stat** **1009016590**
NNE **2306 WILSHIRE BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA**
0.243 mi.
1283 ft. **Site 2 of 6 in cluster Q**

Relative:
Higher

Actual:
190 ft.

EDR Historical Auto Stations:

Name:	WILSHIRE SUPER SERVICE
Year:	1928
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	GRUNDY W F
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS
Name:	GRUNDY W F
Year:	1928
Type:	AUTOMOBILE REPAIRING AND SERVICE STATIONS

Q96 **WILSHIRE WEST CAR WASH** **CA HIST UST** **U001563942**
NNE **2320 WILSHIRE BLVD** **N/A**
1/8-1/4 **SANTA MONICA, CA 90403**
0.243 mi.
1283 ft. **Site 3 of 6 in cluster Q**

Relative:
Higher

Actual:
190 ft.

HIST UST:

Region:	STATE
Facility ID:	00000016931
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	FRED VOLTZ
Telephone:	2134797749
Owner Name:	LOS FELIZ COMPANY AND OJAI COM
Owner Address:	1385 WESTWOOD BLVD #202
Owner City,St,Zip:	LOS ANGELES, CA 90024
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT

WILSHIRE WEST CAR WASH (Continued) U001563942

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Q97 EDR US Hist Auto Stat 1015347254
NNE N/A
1/8-1/4 **2320 WILSHIRE BLVD**
0.243 mi. **SANTA MONICA, CA 90403**
1283 ft. **Site 4 of 6 in cluster Q**

Relative: EDR Historical Auto Stations:
Higher

Actual: Name: WILSHIRE WEST LUBE EXPRESS
190 ft. Year: 2003
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2004
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2005
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2006
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2007
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2010
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2011
Address: 2320 WILSHIRE BLVD

Name: WILSHIRE WEST LUBE EXPRESS
Year: 2012
Address: 2320 WILSHIRE BLVD

Q98 **POPE BROS** EDR US Hist Auto Stat 1009016390
NNE **2300 WILSHIRE BLVD** N/A
1/8-1/4 **SANTA MONICA, CA**
0.243 mi.
1283 ft. **Site 5 of 6 in cluster Q**

Relative: EDR Historical Auto Stations:
Higher

Actual: Name: KING PAUL
190 ft. Year: 1933
Type: AUTOMOBILE REPAIRING

Name: WILSHIRE SUPER SERVICE
Year: 1933

POPE BROS (Continued)

Type: GASOLINE AND OIL SERVICE STATIONS

Name: WILSHIRE SUPER SERVICE
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: KING PAUL
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: KING PAUL
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: BEAUCHENIN PHILIPPE
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: BEAUCHENIN PHILIPPE
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: KING PAUL
Year: 1936
Type: AUTOMOBILE REPAIRING

Name: LANDIS G A
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: LANDIS G A
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: PETERS HOUSE JR
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

Name: MC NALLY WM
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: MC NALLY WM
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: POPE BROS
Year: 1954
Type: GASOLINE STATIONS

Name: B & M AUTO SERVICE
Year: 1954
Type: AUTOMOBILE REPAIRING

Name: B & M AUTO SERVICE
Year: 1954
Type: AUTOMOBILE REPAIRING

1009016390

POPE BROS (Continued)

Name: POPE BROS
Year: 1954
Type: GASOLINE STATIONS

Name: B & M AUTO SERVICE
Year: 1954
Type: AUTOMOBILE GARAGES

EDR US Hist Cleaners 1009143460 N/A

Q99
NNE
1/8-1/4
0.243 mi.
1283 ft.

WAGENLEITNER G F
2304 WILSHIRE BLVD
SANTA MONICA, CA

Site 6 of 6 in cluster Q

Relative: Higher

Actual: 190 ft.

EDR Historical Cleaners:

Name: ARNOLD S INC
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

Name: ARNOLD S INC
Year: 1933
Type: CLOTHES PRESSERS AND CLEANERS

Name: CASTLE F I
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

Name: CASTLE F I
Year: 1936
Type: CLOTHES PRESSERS AND CLEANERS

Name: PENN J C
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

Name: PENN J C
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

Name: WAGENLEITNER G F
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: WAGENLEITNER G F
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

CA LUST S109430930
N/A

R100
SSW
1/4-1/2
0.261 mi.
1378 ft.

FORMER JACK BROWN'S SIGNAL SERVICE
1631 SANTA MONICA BLVD.
SANTA MONICA, CA 90404

Site 4 of 5 in cluster R

Relative:
Lower

Actual:
144 ft.

LUST:

Region:	STATE
Global Id:	T0603737019
Latitude:	34.026445
Longitude:	-118.483388
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/29/2007
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	MH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	Not reported
LOC Case Number:	1631SM
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603737019
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Global Id:	T0603737019
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603737019
Status:	Open - Site Assessment
Status Date:	10/28/2007

Global Id:	T0603737019
Status:	Completed - Case Closed
Status Date:	10/29/2007

Global Id:	T0603737019
Status:	Open - Case Begin Date
Status Date:	09/19/2007

S109430930

FORMER JACK BROWN'S SIGNAL SERVICE (Continued)

Regulatory Activities:
Global Id: T0603737019
Action Type: Other
Date: 09/19/2007
Action: Leak Discovery

Global Id: T0603737019
Action Type: REMEDIATION
Date: 09/19/2007
Action: Excavation

Global Id: T0603737019
Action Type: Other
Date: 09/19/2007
Action: Leak Reported

RCRA-SQG 1000886253
FINDS CA0000134387
CA HIST CORTESE
CA LUST

R101
SSW
1/4-1/2
0.262 mi.
1383 ft.

SANTA MONICA ISUZU
1630 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 5 of 5 in cluster R

Relative:
Lower

Actual:
144 ft.

RCRA-SQG:
Date form received by agency: 02/11/1994
Facility name: SANTA MONICA ISUZU
Facility address: 1630 SANTA MONICA BLVD
SANTA MONICA, CA 90404
EPA ID: CA0000134387
Mailing address: 1820 SANTA MONICA BLVD
SANTA MONICA, CA 90404
Contact: FERNANDO ALTONAGA
Contact address: 1630 SANTA MONICA BLVD
SANTA MONICA, CA 90404
Contact country: US
Contact telephone: (310) 829-3535
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DELLIS MONTELL
Owner/operator address: 18882 CANYON DR
VILLA PARK, CA 92667
Owner/operator country: Not reported
Owner/operator telephone: (714) 637-8892
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

1000886253

SANTA MONICA ISUZU (Continued)

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002613752

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040116

LUST:
Region: STATE
Global Id: T0603701391
Latitude: 34.0256808
Longitude: -118.4834553
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/25/2009
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: JH
Local Agency: SANTA MONICA, CITY OF
RB Case Number: 904040116
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

SANTA MONICA ISUZU (Continued)

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701391
Contact Type: Regional Board Caseworker
Contact Name: JAY HUANG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: jhuang@waterboards.ca.gov
Phone Number: 2135766711

Global Id: T0603701391
Contact Type: Local Agency Caseworker
Contact Name: MONICA HANLEY
Organization Name: SANTA MONICA, CITY OF
Address: 333 Olympic Drive - 2nd Floor
City: SANTA MONICA
Email: monica.hanley@smgov.net
Phone Number: Not reported

Status History:
Global Id: T0603701391
Status: Completed - Case Closed
Status Date: 08/25/2009

Global Id: T0603701391
Status: Open - Case Begin Date
Status Date: 09/15/1994

Global Id: T0603701391
Status: Open - Remediation
Status Date: 02/28/2008

Global Id: T0603701391
Status: Open - Site Assessment
Status Date: 09/15/1994

Regulatory Activities:
Global Id: T0603701391
Action Type: Other
Date: 09/15/1994
Action: Leak Discovery

Global Id: T0603701391
Action Type: REMEDIATION
Date: 10/01/1995
Action: Excavation

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 10/24/2007
Action: Staff Letter

Global Id: T0603701391
Action Type: RESPONSE

SANTA MONICA ISUZU (Continued)

Date: 11/21/2007
Action: Interim Remedial Action Plan

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: Staff Letter

Global Id: T0603701391
Action Type: Other
Date: 11/09/1994
Action: Leak Reported

Global Id: T0603701391
Action Type: RESPONSE
Date: 01/15/2008
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 10/15/2007
Action: Staff Letter

Global Id: T0603701391
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701391
Action Type: RESPONSE
Date: 11/15/2007
Action: Other Report / Document

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701391
Action Type: RESPONSE
Date: 07/08/2008
Action: Well Installation Report

Global Id: T0603701391
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701391
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701391
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

SANTA MONICA ISUZU (Continued)

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0603701391
Action Type: ENFORCEMENT
Date: 08/25/2009
Action: Closure/No Further Action Letter

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 904040116
Status: Preliminary site assessment underway
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: UK
Global ID: T0603701391
W Global ID: Not reported
Staff: UNK
Local Agency: 19033
Cross Street: 20TH ST
Enforcement Type: EF
Date Leak Discovered: 9/15/1994
Date Leak First Reported: 11/9/1994
Date Leak Record Entered: 8/28/1995
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/1/1996
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: OLD CASE #950828-01
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 5018.946806794402721957013126 9
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/15/1994
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 8/1/1995
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 4.6
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

1000886253

SANTA MONICA ISUZU (Continued)

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ALICIA (ALICE) MARTIN
RP Address:	PO BOX 514, NAPLES, FL 33939
Program:	LUST
Lat/Long:	34.0256808 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	CONSULTANT DISOBEYING HEALTH AND SAFETY PLAN, ETC... CONSULTANT IS AMI ADINI & ASSOCIATES

S102 **SE** **1/4-1/2** **0.265 mi.** **1397 ft.**

GTE
2001 BROADWAY
SANTA MONICA, CA 90404

CA HIST CORTESE **S102431017**
CA LUST **N/A**
CA SWEEPS UST
CA EMI

Site 1 of 2 in cluster S

Relative: Lower

Actual: 145 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	000318

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	000318	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700020	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	20TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/28/1986	
Date Leak First Reported:		5/5/1986
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	3/28/1986	
Date Case Last Changed on Database:		11/19/1990
Date the Case was Closed:		11/19/1990
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Structure Failure	
Leak Source:	Piping	
Operator:	DAVEY, JAMES P.	
Water System:	Not reported	

GTE (Continued)

Well Name: Not reported
Approx. Dist To Production Well (ft): 3514.516074721086112848402150 2
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: GENERAL TELEPHONE
RP Address: 2849 FICUS ST, POMONA, CA 91766
Program: LUST
Lat/Long: 34.0273609 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: TANKS 2, 3, 4 ARE 10000, 10000, AND 5000 GALS

SWEEPS UST:
Status: Active
Comp Number: 61
Number: 1
Board Of Equalization: 44-003721
Referral Date: 04-05-90
Action Date: 04-05-90
Created Date: 01-12-90
Owner Tank Id: 061-01
SWRCB Tank Id: 19-033-000061-000001
Tank Status: A
Capacity: 10000
Active Date: 01-12-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Status: Active
Comp Number: 61
Number: 1
Board Of Equalization: 44-003721
Referral Date: 04-05-90
Action Date: 04-05-90
Created Date: 01-12-90
Owner Tank Id: 061-02
SWRCB Tank Id: 19-033-000061-000002

GTE (Continued) **S102431017**

Tank Status: A
Capacity: 10000
Active Date: 01-12-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	20459
Air District Name:	SC
SIC Code:	4922
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	20459
Air District Name:	SC
SIC Code:	4813
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

S103 **NASA OIL SERVICE STATION** **CA HIST CORTESE S103065138**
SE **2001 BROADWAY** **CA LUST N/A**
1/4-1/2 **SANTA MONICA, CA 90404**
0.265 mi.
1397 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
145 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900310189

LUST:
Region: STATE

NASA OIL SERVICE STATION (Continued)

Global Id:	T0603700020
Latitude:	34.0274146
Longitude:	-118.4784066
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/19/1990
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	000318
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700020
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603700020
Status:	Open - Case Begin Date
Status Date:	03/28/1986
Global Id:	T0603700020
Status:	Completed - Case Closed
Status Date:	11/19/1990

Regulatory Activities:

Global Id:	T0603700020
Action Type:	Other
Date:	03/28/1986
Action:	Leak Discovery
Global Id:	T0603700020
Action Type:	Other
Date:	03/28/1986
Action:	Leak Stopped
Global Id:	T0603700020
Action Type:	Other
Date:	05/05/1986
Action:	Leak Reported

CA LUST U001563967
CA HIST UST N/A
LA Co. Site Mitigation

T104
SSW
1/4-1/2
0.297 mi.
1567 ft.

PETER WEST MOTORS
1601 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 1 of 2 in cluster T

Relative:
Lower

Actual:
142 ft.

LUST:

Region:	STATE
Global Id:	T0603701403
Latitude:	34.026161
Longitude:	-118.483909
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/19/1993
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	904040225
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701403
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701403
Status:	Completed - Case Closed
Status Date:	08/19/1993
Global Id:	T0603701403
Status:	Open - Case Begin Date
Status Date:	05/04/1992
Global Id:	T0603701403
Status:	Open - Site Assessment
Status Date:	05/12/1992

Regulatory Activities:

Global Id:	T0603701403
Action Type:	Other
Date:	05/04/1992
Action:	Leak Discovery
Global Id:	T0603701403
Action Type:	Other
Date:	05/04/1992
Action:	Leak Stopped

U001563967

PETER WEST MOTORS (Continued)

Global Id:	T0603701403
Action Type:	Other
Date:	05/12/1992
Action:	Leak Reported

HIST UST:

Region:	STATE
Facility ID:	00000064294
Facility Type:	Other
Other Type:	AUTO DEALERSHIP
Contact Name:	RICK WILK
Telephone:	2138295361
Owner Name:	PETER WEST
Owner Address:	1601 SANTA MONICA BLVD.
Owner City,St,Zip:	SANTA MONICA, CA 90404
Total Tanks:	0004

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	Not reported

U001563967

PETER WEST MOTORS (Continued)

Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

LA Co. Site Mitigation:

Facility ID:	FA0023798
Site ID:	SD0010529
Jurisdiction:	State
Case ID:	RO0010529
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	05/11/2004

CA LUST S100938397
N/A

T105
SSW
1/4-1/2
0.297 mi.
1567 ft.

Relative:
Lower

Actual:
142 ft.

KRAMER NISSAN
1601 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 2 of 2 in cluster T

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040225
Status:	Case Closed
Substance:	Waste Oil
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701403
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033
Cross Street:	15TH ST
Enforcement Type:	Not reported
Date Leak Discovered:	5/4/1992

S100938397

KRAMER NISSAN (Continued)

Date Leak First Reported:	5/12/1992
Date Leak Record Entered:	5/25/1992
Date Confirmation Began:	Not reported
Date Leak Stopped:	5/4/1992
Date Case Last Changed on Database:	4/5/2001
Date the Case was Closed:	8/19/1993
How Leak Discovered:	Tank Closure
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	CAVADIAS, JERRY
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	5174.819642519501886017113043 2
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	5/12/1992
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	KRAMER NISSAN
RP Address:	1719 SANTA MONICA BLVD., SANTA MONICA, CA 90404
Program:	LUST
Lat/Long:	34.0255768 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	1599 SANTA MONICA BLVD CHANGED TO 1601 SANTA MONICA BLVD. CORRECTED SITE ADDRESS CHANGED PER CITY OF SANTA MONICA, REFER TO LTR. DATED 4/5/01

106
SW
1/4-1/2
0.325 mi.
1715 ft.

SANTA MONICA MEDICAL PLAZA
1260 15TH ST
SANTA MONICA, CA 90404

CA HIST CORTESE **S103626938**
CA EMI **N/A**

Relative:
Lower

Actual:
152 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130543

EMI:

S103626938

SANTA MONICA MEDICAL PLAZA (Continued)

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	68549
Air District Name:	SC
SIC Code:	8011
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	68549
Air District Name:	SC
SIC Code:	8011
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

CERC-NFRAP 1003879955
CA0000476655

U107
East
1/4-1/2
0.352 mi.
1857 ft.

CHEMOLD CO.- BROADWAY
2308-2310 BROADWAY
SANTA MONICA, CA 90404

Site 1 of 2 in cluster U

Relative:
Lower

Actual:
151 ft.

CERC-NFRAP:

Site ID:	0905080
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13290142.00000
Person ID:	13003854.00000
Contact Sequence ID:	13295737.00000
Person ID:	13003858.00000
Contact Sequence ID:	13301595.00000
Person ID:	13004003.00000

CHEMOLD CO.- BROADWAY (Continued) **1003879955**

CERCLIS-NFRAP Assessment History:

Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/20/96
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	09/20/96
Priority Level:	Not reported
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/29/94
Priority Level:	Not reported

108
NNE
1/4-1/2
0.352 mi.
1859 ft.

SANTA SUSANA TAPO ROAD 1962 SWIS: 56-CR-0030 COUNTY: 56 PARC **CA SWF/LF** **S106539395**
2444 WILSHIRE BOULEVARD, SUITE 600 **N/A**
SANTA MONICA, CA 90403

Relative:
Higher

Actual:
191 ft.

SWF/LF (SWIS):

Region:	VENTURA
Facility Telephone:	(310) 453-0055FAX: (310) 453-6467
Land Use:	Not reported
Land Owner:	Not reported
Closure Approve:	N/A
Disposal Acreage:	Not reported
Location:	1744 Tapo St. Simi Valley
SWIS Number:	Not reported
Disposal Area:	Not reported
SWFP Date:	Not reported
WDR Number:	Not reported
Dates Operation:	Not reported
Date Of Field Units:	12/8/98
Surface Condition:	Final grading complete.
Leachate:	N/A Other: See LEA files for soil, groundwater investigation reports.
Emergency Response:	Not reported
Site Type:	Not reported
Reassess Site:	Not reported
Prep By:	Barry Marczuk -
CIWMB:	Not reported
Explanation:	Not reported
No Further Action:	Clean Closed. Archive. Priority for Site Assessment: N/A
LEA Date:	Not reported
Other:	ARCHIVE. Eliminate from the required inspection frequency.

CA BOND EXP. PLAN S100833508
CA RESPONSE N/A
CA ENVIROSTOR

U109
East
1/4-1/2
0.363 mi.
1918 ft.

Relative:
Lower

Actual:
152 ft.

COLORADO PLACE
BROADWAY AND CLOVERFIELD
SANTA MONICA, CA 90404

Site 2 of 2 in cluster U

CA BOND EXP. PLAN: BACKLOG SITE CLEANUP PLANNING REPORT
Reponsible Party: Not reported
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: This site is projected for cleanup by responsible parties with reimbursement to DHS for staff and related costs. However, if the responsible parties fail to provide funding for cleanup, another source of funds will need to be established.
Project Revenue Source Desc:

Site Description: This site is a former "burn dump", which operated until the early 1950's. In later years, the facility apparently accepted inert materials.

Hazardous Waste Desc: During core drilling prior to construction at the former "burn dump" site, elevated levels of organic material and lead were encountered in the soil and in the upper saturated zone. It is believed most of the contaminated soil has been removed from the site and properly disposed of, in accordance with State regulations.

Threat To Public Health & Env: The threat from this site is believed to be minimal. It is believed that most of the contamination has already been removed from the site. The upper aquifer in the area is generally contaminated by organic solvents and is not used as a public water supply.

Site Activity Status: DHS has required and the developer has provided a waste management plan for dealing with hazardous substances during excavation. The proposed depth of the excavation would remove the majority of residual wastes from the landfill. Materials exceedingDHS's standards are hazardous wastes and will be handled as Class 1 wastes; marginally contaminated waste will be taken to an appropriate landfill.

RESPONSE:
Facility ID: 19490208
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 15
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: * Harlan Jeche
Division Branch: Cleanup Chatsworth
Site Code: 300036
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 50
Senate: 28
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/15/1991
Restricted Use: NO
Funding: Responsible Party
Latitude: 34.03
Longitude: -118.4752
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, LANDFILL - DOMESTIC, MANUFACTURING - METAL, MANUFACTURING - OTHER

Potential COC : Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead

COLORADO PLACE (Continued)

Confirmed COC: TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI Nickel Nitric Acid Xylenes Zinc Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Nitric Acid TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Chromium III Chromium VI Nickel TPH-MOTOR OIL Xylenes Zinc Trichloroethylene (TCE

Potential Description: SOIL, SV
Alias Name: CAD981392939
Alias Type: EPA Identification Number
Alias Name: 110033613454
Alias Type: EPA (FRS #)
Alias Name: P33064
Alias Type: PCode
Alias Name: 300036
Alias Type: Project Code (Site Code)
Alias Name: 19490208
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/04/1990
Comments: SITE SCREENING DONE COLORADO PLACE IS ON THE BEP BACKLOG. EPA HAS GIVEN THE SITE A NO FURTHER ACTION ON A SITE INVESTIGATION CONDUCTED BY E&E FEDERAL INVESTIGATION TEAM. PRELIMINARY ENDANGERMENT ASSESSMENT IS BEING COMPLETED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/28/1990
Comments: PRELIM ASSESS DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) COMPLETED. RECOMMEND NO FURTHER ACTION BASED ON PEA DUE TO NO SIGNIFICANT HAZARD OR THREAT TO PUBLIC HEALTH & THE ENVIRONMENT. EPA CONDUCTED AN INVESTI- GAITION AT COLORADO PLACE WHICH SUPPORTS A NO FURTHER ACTION FOR THE SITE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Delisting Document
Completed Date: 04/15/1991
Comments: Site delisted via a PEA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19490208
Status: No Further Action

COLORADO PLACE (Continued)

Status Date: 04/15/1991
Site Code: 300036
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 15
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: * Harlan Jeche
Division Branch: Cleanup Chatsworth
Assembly: 50
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.03
Longitude: -118.4752
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, LANDFILL - DOMESTIC, MANUFACTURING - METAL, MANUFACTURING - OTHER
Potential COC: Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI Nickel Nitric Acid Xylenes Zinc
Confirmed COC: Arsenic Benzene Total Chromium (1:6 ratio Cr VI:Cr III Lead Nitric Acid TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Chromium III Chromium VI Nickel TPH-MOTOR OIL Xylenes Zinc Trichloroethylene (TCE
Potential Description: SOIL, SV
Alias Name: CAD981392939
Alias Type: EPA Identification Number
Alias Name: 110033613454
Alias Type: EPA (FRS #)
Alias Name: P33064
Alias Type: PCode
Alias Name: 300036
Alias Type: Project Code (Site Code)
Alias Name: 19490208
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/04/1990
Comments: SITE SCREENING DONE COLORADO PLACE IS ON THE BEP BACKLOG. EPA HAS GIVEN THE SITE A NO FURTHER ACTION ON A SITE INVESTIGATION CONDUCTED BY E&E FEDERAL INVESTIGATION TEAM. PRELIMINARY ENDANGERMENT ASSESSMENT IS BEING COMPLETED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/28/1990
Comments: PRELIM ASSESS DONE PRELIMINARY ENDANGERMENT ASSESSMENT(PEA) COMPLETED. RECOMMEND NO FURTHER ACTION BASED ON PEA DUE TO NO SIGNIFICANT HAZARD OR THREAT TO PUBLIC HEALTH & THE ENVIRONMENT. EPA

S100833508

COLORADO PLACE (Continued)

CONDUCTED AN INVESTI- GAITION AT COLORADO PLACE WHICH SUPPORTS A NO FURTHER ACTION FOR THE SITE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Delisting Document
Completed Date: 04/15/1991
Comments: Site delisted via a PEA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

---

110 SSW 1/4-1/2 0.368 mi. 1945 ft.

CUMMINGS BUICK INC
1530 SANTA MONICA BLVD
SANTA MONICA, CA 90404

RCRA-SQG 1000300025
FINDS CAD982017691
CA HIST CORTESE
CA LUST
CA FID UST
CA HIST UST
CA SWEEPS UST

Relative: Lower

Actual: 137 ft.

RCRA-SQG:
Date form received by agency: 07/28/1987
Facility name: CUMMINGS BUICK INC
Facility address: 1530 SANTA MONICA BLVD
SANTA MONICA, CA 90404
EPA ID: CAD982017691
Mailing address: 1501 SANTA MONICA BLVD
SANTA MONICA, CA 90404
Contact: ENVIRONMENTAL MANAGER
Contact address: 1530 SANTA MONICA BLVD
SANTA MONICA, CA 90404
Contact country: US
Contact telephone: (213) 395-0986
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner

CUMMINGS BUICK INC (Continued)

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002777424

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040216

LUST:
Region: STATE
Global Id: T0603701402
Latitude: 34.0248778
Longitude: -118.4848294

CUMMINGS BUICK INC (Continued)

Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/30/1992
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	904040216
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:	T0603701402
Global Id:	Regional Board Caseworker
Contact Type:	YUE RONG
Contact Name:	LOS ANGELES RWQCB (REGION 4)
Organization Name:	320 W. 4TH ST., SUITE 200
Address:	Los Angeles
City:	yrong@waterboards.ca.gov
Email:	Not reported
Phone Number:	

Status History:	T0603701402
Global Id:	Open - Case Begin Date
Status:	05/23/1990
Status Date:	
Global Id:	T0603701402
Status:	Completed - Case Closed
Status Date:	06/30/1992

Regulatory Activities:	T0603701402
Global Id:	Other
Action Type:	05/23/1990
Date:	Leak Discovery
Action:	
Global Id:	T0603701402
Action Type:	Other
Date:	05/23/1990
Action:	Leak Stopped
Global Id:	T0603701402
Action Type:	Other
Date:	06/30/1992
Action:	Leak Reported

LUST REG 4:	4
Region:	04
Regional Board:	Los Angeles
County:	904040216
Facility Id:	

1000300025

CUMMINGS BUICK INC (Continued)

Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701402
W Global ID: Not reported
Staff: UNK
Local Agency: 19033
Cross Street: 015TH ST.
Enforcement Type: Not reported
Date Leak Discovered: 5/23/1990
Date Leak First Reported: 6/30/1992
Date Leak Record Entered: 8/12/1992
Date Confirmation Began: Not reported
Date Leak Stopped: 5/23/1990
Date Case Last Changed on Database: 8/24/1992
Date the Case was Closed: 6/30/1992
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: CUMMINGS, WILLARD
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 5469.657968693350040469833627 8
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Program: LUST
Lat/Long: 34.0248778 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CA FID UST:
Facility ID: 19016598

CUMMINGS BUICK INC (Continued)

Regulated By: UTNKA
Regulated ID: 00041310
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2133950986
Mail To: Not reported
Mailing Address: 1501 SANTA MONICA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:
Region: STATE
Facility ID: 00000041310
Facility Type: Other
Other Type: CAR DEALERSHIP
Contact Name: WILLARD L. CUMMINGS JR
Telephone: 2133950986
Owner Name: CUMMINGS BUICK GM
Owner Address: 1501 SANTA MONICA BLVD.
Owner City,St,Zip: SANTA MONICA, CA 90404
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000450
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000030
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 004

1000300025

CUMMINGS BUICK INC (Continued)

Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000030
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	005
Container Num:	5
Year Installed:	1952
Tank Capacity:	00000030
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	41310
Number:	9
Board Of Equalization:	44-010573
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-033-041310-000002
Tank Status:	A
Capacity:	550
Active Date:	01-12-90
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

CA LUST S103974936
N/A

V111
West
1/4-1/2
0.394 mi.
2082 ft.

LINCOLN MIDDLE SCHOOL
1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Site 1 of 2 in cluster V

Relative:
Higher

Actual:
168 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904030043
Status:	Preliminary site assessment workplan submitted
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701380
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033
Cross Street:	14TH ST

S103974936

LINCOLN MIDDLE SCHOOL (Continued)

Enforcement Type:	Not reported
Date Leak Discovered:	6/23/1999
Date Leak First Reported:	3/9/2000
Date Leak Record Entered:	Not reported
Date Confirmation Began:	Not reported
Date Leak Stopped:	6/23/1999
Date Case Last Changed on Database:	7/17/2000
Date the Case was Closed:	Not reported
How Leak Discovered:	Repair Tank
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	4957.834776293893057238020046 1
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	3/9/2000
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	UNIFIED SCHOOL DISTRICT
Responsible Party:	1651 16TH ST., SANTA MONICA, CA 90404
RP Address:	LUST
Program:	34.0289606 / -1
Lat/Long:	UNK
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	

CA NPDES S103986752
CA HIST CORTESE N/A
CA LUST

V112
West
1/4-1/2
0.394 mi.
2082 ft.

LINCOLN MIDDLE SCHOOL
1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Site 2 of 2 in cluster V

Relative:
Higher

Actual:
168 ft.

NPDES:	CAS000002
Npdes Number:	Active
Facility Status:	0
Agency Id:	4
Region:	419411
Regulatory Measure Id:	2009-0009-DWQ
Order No:	Enrollee
Regulatory Measure Type:	

LINCOLN MIDDLE SCHOOL (Continued)

Place Id:	Not reported
WDID:	4 19C362098
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/30/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Santa Monica Malibu Unified School District
Discharge Address:	2828 4th Street
Discharge City:	Santa Monica
Discharge State:	California
Discharge Zip:	90405

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	904030043

LUST:

Region:	STATE
Global Id:	T0603701380
Latitude:	34.0289606
Longitude:	-118.4896186
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/10/2008
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	MH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904030043
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701380
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701380
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

S103986752

LINCOLN MIDDLE SCHOOL (Continued)

Status History:
Global Id: T0603701380
Status: Completed - Case Closed
Status Date: 07/10/2008

Global Id: T0603701380
Status: Open - Case Begin Date
Status Date: 06/23/1999

Global Id: T0603701380
Status: Open - Site Assessment
Status Date: 03/09/2000

Regulatory Activities:
Global Id: T0603701380
Action Type: Other
Date: 06/23/1999
Action: Leak Discovery

Global Id: T0603701380
Action Type: Other
Date: 06/23/1999
Action: Leak Stopped

Global Id: T0603701380
Action Type: Other
Date: 03/09/2000
Action: Leak Reported

Global Id: T0603701380
Action Type: RESPONSE
Date: 09/05/2000
Action: Preliminary Site Assessment Report

CERC-NFRAP 1003879957
CA0000476739

W113
SE
1/4-1/2
0.395 mi.
2084 ft.

CHEMOLD CO.- COLORADO
2000 COLORADO AVE.
SANTA MONICA, CA 90404

Site 1 of 3 in cluster W

Relative:
Lower

Actual:
141 ft.

CERC-NFRAP:
Site ID: 0905082
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13285946.00000
Person ID: 13003854.00000

Contact Sequence ID: 13291541.00000
Person ID: 13003858.00000

Contact Sequence ID: 13297399.00000
Person ID: 13004003.00000

1003879957

CHEMOLD CO.- COLORADO (Continued)

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/20/96
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/20/96
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 07/29/94
Priority Level: Not reported

W114
SE
1/4-1/2
0.395 mi.
2085 ft.

SONY MUSIC CENTER CAMPUS PROJ.
2024 COLORADO AVE
SANTA MONICA, CA 90404

CA HIST CORTESE **S101298055**
CA LUST **N/A**
LA Co. Site Mitigation

Site 2 of 3 in cluster W

Relative:
Lower

Actual:
142 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040343

LUST:
Region: STATE
Global Id: T0603701415
Latitude: 34.0260895
Longitude: -118.4767594
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/12/1995
Lead Agency: SANTA MONICA, CITY OF
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 904040343
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701415
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

S101298055

SONY MUSIC CENTER CAMPUS PROJ. (Continued)

Status History:
Global Id: T0603701415
Status: Open - Case Begin Date
Status Date: 08/21/1991

Global Id: T0603701415
Status: Completed - Case Closed
Status Date: 06/12/1995

Global Id: T0603701415
Status: Open - Site Assessment
Status Date: 04/17/1992

Regulatory Activities:
Global Id: T0603701415
Action Type: Other
Date: 08/21/1991
Action: Leak Discovery

Global Id: T0603701415
Action Type: Other
Date: 04/17/1992
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 904040343
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701415
W Global ID: Not reported
Staff: UNK
Local Agency: 19033
Cross Street: 20TH ST.
Enforcement Type: Not reported
Date Leak Discovered: 8/21/1991
Date Leak First Reported: 4/17/1992
Date Leak Record Entered: 4/28/1992
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 6/12/1995
Date the Case was Closed: 6/12/1995
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported

S101298055

SONY MUSIC CENTER CAMPUS PROJ. (Continued)

Approx. Dist To Production Well (ft): 2959.9607986860266697465198224
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 4/17/1992
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LOWE ENTERPRISES
RP Address: 11777 SAN VICENTE BLVD., LOS ANGELES, CA 90049
Program: LUST
Lat/Long: 34.0260809 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: SEE SANTA MONICA UPDATE LIST

LA Co. Site Mitigation:
Facility ID: Not reported
Site ID: SD0010425
Jurisdiction: County
Case ID: RO0000538
Abated: Yes
Assigned To: Shahin Nourishad
Entered Date: 05/11/2004

CA LUST S108751264
N/A

115
SE
1/4-1/2
0.399 mi.
2106 ft.

MILTON PREMIERE PARTNERSHIP
2043 COLORADO AVE.
SANTA MONICA, CA 90404

Relative:
Lower

Actual:
144 ft.

LUST:
Region: STATE
Global Id: T0603745800
Latitude: 34.027482
Longitude: -118.476219
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/07/2006
Lead Agency: SANTA MONICA, CITY OF
Case Worker: MH
Local Agency: SANTA MONICA, CITY OF
RB Case Number: Not reported
LOC Case Number: Not reported

S108751264

MILTON PREMIERE PARTNERSHIP (Continued)

File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Polychlorinated biphenyls (PCBs)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603745800
Contact Type: Local Agency Caseworker
Contact Name: MONICA HANLEY
Organization Name: SANTA MONICA, CITY OF
Address: 333 Olympic Drive - 2nd Floor
City: SANTA MONICA
Email: monica.hanley@smgov.net
Phone Number: Not reported

Global Id: T0603745800
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603745800
Status: Open - Site Assessment
Status Date: 08/29/2006

Global Id: T0603745800
Status: Open - Site Assessment
Status Date: 09/06/2006

Global Id: T0603745800
Status: Open - Site Assessment
Status Date: 09/07/2006

Global Id: T0603745800
Status: Completed - Case Closed
Status Date: 09/07/2006

Global Id: T0603745800
Status: Open - Case Begin Date
Status Date: 08/03/2006

Regulatory Activities:
Global Id: T0603745800
Action Type: Other
Date: 08/03/2006
Action: Leak Discovery

Global Id: T0603745800
Action Type: ENFORCEMENT
Date: 09/06/2006
Action: Unauthorized Release Form

S108751264

MILTON PREMIERE PARTNERSHIP (Continued)

Global Id: T0603745800
Action Type: ENFORCEMENT
Date: 12/12/2012
Action: Closure/No Further Action Letter

Global Id: T0603745800
Action Type: Other
Date: 09/06/2006
Action: Leak Reported

Global Id: T0603745800
Action Type: RESPONSE
Date: 10/06/2006
Action: Preliminary Site Assessment Workplan

CA SWF/LF S111075788
N/A

116
East
1/4-1/2
0.425 mi.
2244 ft.

Relative:
Lower

Actual:
154 ft.

BEVERLY HILLS DUMP
2400-2500 BROADWAY STREET
SANTA MONICA, CA

LOS ANGELES CO. LF:
Site ID: 2241
Alt. Address: 2401-2525 Colorado Avenue, Santa Monica, CA
Site Contact: Not reported
Site Contact Phone: Not reported
Site Email: Not reported
Site Website: Not reported
Site Type: Unknown
Site SWIS Number: 19-AA-5349
Beginning Operation Date: 1923
Disposal Area(Acre): 1949
Local Enforcement Agency: Not reported
Maximun Depth Fill(Ft): 48
Permitted Capacity: Not reported
Present Use: Commercial
Remaining Capacity(Million): Not reported
Status: Closed
Waste Accepted: Commercial; Inert; Residential
Hours of Operation: Not reported
Area: 3.7

Detail As Of 01/2014:
Operator Name: City of Beverly Hills Public Works
Operator Address: 345 Foothill RD.
Operator City/State/Zip: Beverly Hills, CA 90210-3713
Operator Contact: John Garcia
Operator Telephone: (310) 285-2460
Operator Email: JGarcia@beverlyhills.org
Owner Name: Mgm Grand
Owner Address: 2400-2500 Broadway Street
Owner City/State/Zip: Santa Monica, CA
Owner Contact: Not reported
Owner Telephone: Not reported
Owner Email: Not reported

CA HIST CORTESE S101298054
CA LUST N/A

W117
SE
1/4-1/2
0.426 mi.
2247 ft.

COPLEY PRESS
1920 COLORADO AVE
SANTA MONICA, CA 90404

Site 3 of 3 in cluster W

Relative:
Lower

Actual:
138 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040325

LUST:
Region: STATE
Global Id: T0603701413
Latitude: 34.0252629
Longitude: -118.4776392
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/22/1992
Lead Agency: SANTA MONICA, CITY OF
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 904040325
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701413
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603701413
Status: Completed - Case Closed
Status Date: 10/22/1992

Global Id: T0603701413
Status: Open - Case Begin Date
Status Date: 04/30/1992

Global Id: T0603701413
Status: Open - Site Assessment
Status Date: 05/20/1992

Regulatory Activities:
Global Id: T0603701413
Action Type: Other

COPLEY PRESS (Continued)

Date: 04/30/1992
Action: Leak Discovery

Global Id: T0603701413
Action Type: Other
Date: 05/20/1992
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 904040325
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701413
W Global ID: Not reported
Staff: UNK
Local Agency: 19033
Cross Street: 20TH ST.
Enforcement Type: Not reported
Date Leak Discovered: 4/30/1992
Date Leak First Reported: 5/20/1992
Date Leak Record Entered: 5/25/1992
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/22/1992
Date the Case was Closed: 10/22/1992
How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 3308.5410424319688619215728146
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 5/20/1992
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported

S101298054

COPLEY PRESS (Continued)

Responsible Party:	COPLEY PRESS
RP Address:	600 W. BROADWAY, SUITE 2600, SAN DIEGO, 92101
Program:	LUST
Lat/Long:	34.0252629 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CA LUST U001563986
CA HIST UST N/A
CA SWEEPS UST

X118
SSW
1/4-1/2
0.432 mi.
2281 ft.

76 STATION #5854 (FORMER)
1402 SANTA MONICA BLVD.
SANTA MONICA, CA 90404

Site 1 of 4 in cluster X

Relative:
Lower

Actual:
133 ft.

LUST:

Region:	STATE
Global Id:	T0603772511
Latitude:	34.024058
Longitude:	-118.485179
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/18/2010
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904040470
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603772511
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Global Id:	T0603772511
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

U001563986

76 STATION #5854 (FORMER) (Continued)

Status History:
Global Id: T0603772511
Status: Open - Site Assessment
Status Date: 02/28/2007

Global Id: T0603772511
Status: Completed - Case Closed
Status Date: 08/18/2010

Global Id: T0603772511
Status: Open - Verification Monitoring
Status Date: 09/15/2009

Global Id: T0603772511
Status: Open - Case Begin Date
Status Date: 06/11/2004

Global Id: T0603772511
Status: Open - Site Assessment
Status Date: 08/16/2004

Regulatory Activities:
Global Id: T0603772511
Action Type: ENFORCEMENT
Date: 08/18/2010
Action: Closure/No Further Action Letter

Global Id: T0603772511
Action Type: Other
Date: 06/11/2004
Action: Leak Discovery

Global Id: T0603772511
Action Type: ENFORCEMENT
Date: 11/07/2006
Action: Staff Letter

Global Id: T0603772511
Action Type: ENFORCEMENT
Date: 08/02/2010
Action: Notification - Preclosure

Global Id: T0603772511
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603772511
Action Type: Other
Date: 06/11/2004
Action: Leak Reported

Global Id: T0603772511
Action Type: RESPONSE
Date: 12/17/2006
Action: Other Report / Document

U001563986

76 STATION #5854 (FORMER) (Continued)

Global Id:	T0603772511
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Well Installation Report
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	02/28/2007
Action:	Soil and Water Investigation Workplan
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	04/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603772511
Action Type:	RESPONSE

U001563986

76 STATION #5854 (FORMER) (Continued)

Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603772511
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603772511
Action Type: RESPONSE
Date: 02/17/2010
Action: Request for Closure

Global Id: T0603772511
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603772511
Action Type: RESPONSE
Date: 09/02/2009
Action: Soil and Water Investigation Report

Global Id: T0603772511
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603772511
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

HIST UST:
Region: STATE
Facility ID: 00000007643
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MILAD H BEBAWT
Telephone: 2134510146
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010
Total Tanks: 0003

Tank Num: 001
Container Num: 5854-4
Year Installed: 1969
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 002
Container Num: 5854-2

76 STATION #5854 (FORMER) (Continued)

Year Installed:	1969
Tank Capacity:	00009980
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	5854-1
Year Installed:	1969
Tank Capacity:	00009980
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test

SWEEPS UST:

Status:	Active
Comp Number:	7643
Number:	1
Board Of Equalization:	44-000051
Referral Date:	07-02-92
Action Date:	07-02-92
Created Date:	02-29-88
Owner Tank Id:	5854-5
SWRCB Tank Id:	19-033-007643-000001
Tank Status:	A
Capacity:	500
Active Date:	07-02-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	3
Status:	Active
Comp Number:	7643
Number:	1
Board Of Equalization:	44-000051
Referral Date:	07-02-92
Action Date:	07-02-92
Created Date:	02-29-88
Owner Tank Id:	5854-1
SWRCB Tank Id:	19-033-007643-000002
Tank Status:	A
Capacity:	12000
Active Date:	07-02-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	7643
Number:	1
Board Of Equalization:	44-000051
Referral Date:	07-02-92
Action Date:	07-02-92

U001563986

76 STATION #5854 (FORMER) (Continued)

Created Date:	02-29-88
Owner Tank Id:	5854-2
SWRCB Tank Id:	19-033-007643-000003
Tank Status:	A
Capacity:	12000
Active Date:	07-02-92
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Y119
SE
1/4-1/2
0.445 mi.
2347 ft.

LIVINGSTON-GRAHAM INC
1620 19TH ST
SANTA MONICA, CA 90404

Site 1 of 4 in cluster Y

CA NPDES S101586149
CA HIST CORTESE N/A
CA LUST
CA FID UST
CA SWEEPS UST
CA EMI

Relative:
Lower

Actual:
135 ft.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	432135
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I023901
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/02/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Associated Ready Mix
Discharge Address:	4621 Teller Ave Ste 130
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660

Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	190272
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I012154
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/16/1996
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	11/20/2012
Discharge Name:	Standard Concrete Products Inc
Discharge Address:	2002 E Mcfadden Ave
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92705

S101586149

LIVINGSTON-GRAHAM INC (Continued)

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040407

LUST:
Region: STATE
Global Id: T0603701421
Latitude: 34.024612
Longitude: -118.4774562
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/27/2007
Lead Agency: SANTA MONICA, CITY OF
Case Worker: MH
Local Agency: SANTA MONICA, CITY OF
RB Case Number: 904040407
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701421
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701421
Contact Type: Local Agency Caseworker
Contact Name: MONICA HANLEY
Organization Name: SANTA MONICA, CITY OF
Address: 333 Olympic Drive - 2nd Floor
City: SANTA MONICA
Email: monica.hanley@smgov.net
Phone Number: Not reported

Status History:
Global Id: T0603701421
Status: Completed - Case Closed
Status Date: 06/27/2007

Global Id: T0603701421
Status: Open - Case Begin Date
Status Date: 08/06/1998

Global Id: T0603701421
Status: Open - Site Assessment

S101586149

LIVINGSTON-GRAHAM INC (Continued)

Status Date: 03/16/1999

Regulatory Activities:
Global Id: T0603701421
Action Type: Other
Date: 08/06/1998
Action: Leak Discovery

Global Id: T0603701421
Action Type: Other
Date: 08/06/1998
Action: Leak Stopped

Global Id: T0603701421
Action Type: Other
Date: 03/16/1999
Action: Leak Reported

CA FID UST:
Facility ID: 19039779
Regulated By: UTNKA
Regulated ID: 00041207
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8189605471
Mail To: Not reported
Mailing Address: 16080 ARROW HWY
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA MONICA 90404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 41207
Number: 1
Board Of Equalization: 44-010572
Referral Date: 03-20-91
Action Date: 03-20-91
Created Date: 02-29-88
Owner Tank Id: 567-1
SWRCB Tank Id: 19-033-041207-000001
Tank Status: A
Capacity: 10000
Active Date: 03-20-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

S101586149

LIVINGSTON-GRAHAM INC (Continued)

EMI:	1990
Year:	19
County Code:	SC
Air Basin:	24931
Facility ID:	SC
Air District Name:	3273
SIC Code:	SOUTH COAST AQMD
Air District Name:	Not reported
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	0
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	
	2002
Year:	19
County Code:	SC
Air Basin:	107001
Facility ID:	SC
Air District Name:	3273
SIC Code:	SOUTH COAST AQMD
Air District Name:	Not reported
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	0
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	
	2003
Year:	19
County Code:	SC
Air Basin:	107001
Facility ID:	SC
Air District Name:	3273
SIC Code:	SOUTH COAST AQMD
Air District Name:	Not reported
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	0
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	
	2004
Year:	19
County Code:	SC
Air Basin:	107001
Facility ID:	SC
Air District Name:	

S101586149

LIVINGSTON-GRAHAM INC (Continued)

SIC Code:	3273
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000974
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0.499
Particulate Matter Tons/Yr:	0.46
Part. Matter 10 Micrometers & Smllr Tons/Yr:	
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	107001
Air District Name:	SC
SIC Code:	3273
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.000948
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.486
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.44712

CA LUST U003783686
CA UST N/A

Y120
SE
1/4-1/2
0.445 mi.
2347 ft.

STANDARD CONCRETE PRODUCTS
1620 19TH ST
SANTA MONICA, CA 90404

Site 2 of 4 in cluster Y

Relative:
Lower

Actual:
135 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	904040407	
Status:	Preliminary site assessment workplan submitted	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701421	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19033	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/6/1998	
Date Leak First Reported:		3/16/1999
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/6/1998	
Date Case Last Changed on Database:		3/23/2000

U003783686

STANDARD CONCRETE PRODUCTS (Continued)

Date the Case was Closed: Not reported
How Leak Discovered: Repair Tank
How Leak Stopped: Not reported
Cause of Leak: Structure Failure
Leak Source: Piping
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 3314.7438868123287100060854348
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: 3/16/1999
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: .38
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: STANDARD CONCRETE PRODUCTS
RP Address: 1620 19TH ST., SANTA MONICA, CA 90404
Program: LUST
Lat/Long: 34.024612 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

UST:
Facility ID: 600316
Permitting Agency: SANTA MONICA, CITY OF
Latitude: 34.02477
Longitude: -118.47729

X121
SSW
1/4-1/2
0.462 mi.
2438 ft.

CHEVRON #9-0922
1351 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 2 of 4 in cluster X

Relative:
Lower

Actual:
133 ft.

CA HIST CORTESE S102427110
CA LUST N/A

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040016

LUST:
Region: STATE

CHEVRON #9-0922 (Continued)

Global Id:	T0603701381
Latitude:	34.0240095
Longitude:	-118.4858237
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/18/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	Not reported
RB Case Number:	904040016
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701381
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701381
Status:	Open - Case Begin Date
Status Date:	10/19/1984
Global Id:	T0603701381
Status:	Completed - Case Closed
Status Date:	07/18/1996
Global Id:	T0603701381
Status:	Open - Site Assessment
Status Date:	07/14/1988

Regulatory Activities:

Global Id:	T0603701381
Action Type:	Other
Date:	10/19/1984
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040016
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported

S102427110

CHEVRON #9-0922 (Continued)

Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701381
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033
Cross Street:	14TH
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	10/19/1984
Date Leak Record Entered:	12/31/1986
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	11/1/1990
Date the Case was Closed:	7/18/1996
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	5980.092989037265916385330891 5
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	7/14/1988
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON PRODUCTS CO
RP Address:	1300 S BEACH BLVD., LA HABRA CA 90631-2833
Program:	LUST
Lat/Long:	34.0237059 / -1
Local Agency Staff:	UNK
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	MINOR SOIL CONTAMINATION ONLY

CA LUST S112845190
CA HAZNET N/A

Y122
SE
1/4-1/2
0.466 mi.
2458 ft.

LIVINGSTON GRAHAM
1637 19TH ST
SANTA MONICA, CA 90404

Site 3 of 4 in cluster Y

Relative:
Lower

Actual:
135 ft.

LUST:

Region:	STATE
Global Id:	T0603701404
Latitude:	34.0248924242462
Longitude:	-118.476154000803
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/19/2014
Lead Agency:	SWRCB
Case Worker:	MC
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	904040234
LOC Case Number:	TT
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701404
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Global Id:	T0603701404
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701404
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN
Organization Name:	SWRCB
Address:	1001 I Street
City:	SACRAMENTO
Email:	mcohen@waterboards.ca.gov
Phone Number:	9163415751

Status History:

Global Id:	T0603701404
Status:	Open - Eligible for Closure
Status Date:	09/22/2014

S112845190

LIVINGSTON GRAHAM (Continued)

Global Id: T0603701404
Status: Open - Eligible for Closure
Status Date: 09/22/2014

Global Id: T0603701404
Status: Open - Eligible for Closure
Status Date: 09/22/2014

Global Id: T0603701404
Status: Completed - Case Closed
Status Date: 11/19/2014

Global Id: T0603701404
Status: Open - Case Begin Date
Status Date: 02/23/1993

Global Id: T0603701404
Status: Open - Eligible for Closure
Status Date: 04/08/1993

Global Id: T0603701404
Status: Open - Site Assessment
Status Date: 04/08/1993

Regulatory Activities:
Global Id: T0603701404
Action Type: RESPONSE
Date: 05/28/2013
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603701404
Action Type: RESPONSE
Date: 11/03/2014
Action: Request for Closure - Regulator Responded

Global Id: T0603701404
Action Type: Other
Date: 02/23/1993
Action: Leak Discovery

Global Id: T0603701404
Action Type: Other
Date: 02/23/1993
Action: Leak Stopped

Global Id: T0603701404
Action Type: ENFORCEMENT
Date: 09/05/2013
Action: Staff Letter

Global Id: T0603701404
Action Type: Other
Date: 04/08/1993
Action: Leak Reported

Global Id: T0603701404
Action Type: RESPONSE

LIVINGSTON GRAHAM (Continued)

Date: 09/06/2000
Action: Soil and Water Investigation Workplan

Global Id: T0603701404
Action Type: RESPONSE
Date: 05/31/2000
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603701404
Action Type: RESPONSE
Date: 05/31/2000
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603701404
Action Type: ENFORCEMENT
Date: 09/22/2014
Action: State Water Board Closure Order

Global Id: T0603701404
Action Type: ENFORCEMENT
Date: 11/19/2014
Action: Closure/No Further Action Letter - #11/18/2014

Global Id: T0603701404
Action Type: ENFORCEMENT
Date: 05/08/2014
Action: Notification - Public Notice of Case Closure

HAZNET:
envid: S112845190
Year: 1993
GEPAID: CAC000786512
Contact: LIVINGSTON GRAHAM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1620 19TH ST.
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 5.83800000000
Facility County: Los Angeles

envid: S112845190
Year: 1993
GEPAID: CAC000786512
Contact: LIVINGSTON GRAHAM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1620 19TH ST.
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Not reported
TSD EPA ID: CAD982484933
TSD County: Not reported

S112845190

LIVINGSTON GRAHAM (Continued)

Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 9
Facility County: Los Angeles

CA LUST S105030287
N/A

X123
SSW
1/4-1/2
0.471 mi.
2487 ft.

CHEVRON
1330 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 3 of 4 in cluster X

Relative:
Lower

Actual:
132 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040207
Status:	Case Closed
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701401
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033
Cross Street:	EUCLID ST
Enforcement Type:	Not reported
Date Leak Discovered:	10/10/1985
Date Leak First Reported:	2/2/1991
Date Leak Record Entered:	6/30/1995
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	6/30/1995
Date the Case was Closed:	8/3/1991
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	6006.213417949176721445914374 8
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	2/2/1991
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported

S105030287

CHEVRON (Continued)

Owner Contact: Not reported
Responsible Party: CHEVRON
RP Address: P.O. BOX 2833, LA HABRA, CA 90632-2833
Program: LUST
Lat/Long: 34.0233959 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CA HIST CORTESE S110060449
CA LUST N/A

X124
SSW
1/4-1/2
0.471 mi.
2487 ft.

CHEVRON
1330 SANTA MONICA BLVD
SANTA MONICA, CA 90404

Site 4 of 4 in cluster X

Relative:
Lower

Actual:
132 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904040207

LUST:
Region: STATE
Global Id: T0603701401
Latitude: 34.023733
Longitude: -118.485698
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/03/1991
Lead Agency: SANTA MONICA, CITY OF
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 904040207
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701401
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603701401

S110060449

CHEVRON (Continued)

Status: Open - Case Begin Date
Status Date: 10/10/1985

Global Id: T0603701401
Status: Open - Site Assessment
Status Date: 02/02/1991

Global Id: T0603701401
Status: Completed - Case Closed
Status Date: 08/03/1991

Regulatory Activities:
Global Id: T0603701401
Action Type: Other
Date: 10/10/1985
Action: Leak Discovery

Global Id: T0603701401
Action Type: Other
Date: 02/02/1991
Action: Leak Reported

CA LUST S103281999
N/A

Z125
NNE
1/4-1/2
0.471 mi.
2489 ft.

TOSCO S.S. #7347
2601 WILSHIRE BLVD
SANTA MONICA, CA 90403

Site 1 of 2 in cluster Z

Relative:
Higher

Actual:
193 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 904030034
Status: Leak being confirmed
Substance: Benzene
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701379
W Global ID: Not reported
Staff: UNK
Local Agency: 19033
Cross Street: 026TH ST
Enforcement Type: Not reported
Date Leak Discovered: 9/15/1997
Date Leak First Reported: 9/15/1997
Date Leak Record Entered: 3/5/1998
Date Confirmation Began: 9/15/1997
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 2/18/1998
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported

S103281999

TOSCO S.S. #7347 (Continued)

Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 3051.247611194341188302231630 1
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: TOSCO MARKETING CO
RP Address: P.O. BOX 25376, SANTA ANA, CA 92799
Program: LUST
Lat/Long: 34.0360276 / -1
Local Agency Staff: UNK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

Z126
NNE
1/4-1/2
0.471 mi.
2489 ft.

UNOCAL SERVICE STATION #7347
2601 WILSHIRE BLVD
SANTA MONICA, CA 90403

CA HIST CORTESE S101583741
CA LUST N/A
CA FID UST
CA SWEEPS UST

Site 2 of 2 in cluster Z

Relative: Higher

Actual: 193 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 904030034

LUST:
Region: STATE
Global Id: T0603701379
Latitude: 34.0360276
Longitude: -118.4775744
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/25/2007
Lead Agency: SANTA MONICA, CITY OF
Case Worker: MH
Local Agency: SANTA MONICA, CITY OF
RB Case Number: 904030034
LOC Case Number: Not reported

S101583741

UNOCAL SERVICE STATION #7347 (Continued)

File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Benzene
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701379
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701379
Contact Type: Local Agency Caseworker
Contact Name: MONICA HANLEY
Organization Name: SANTA MONICA, CITY OF
Address: 333 Olympic Drive - 2nd Floor
City: SANTA MONICA
Email: monica.hanley@smgov.net
Phone Number: Not reported

Status History:
Global Id: T0603701379
Status: Completed - Case Closed
Status Date: 10/25/2007

Global Id: T0603701379
Status: Open - Case Begin Date
Status Date: 09/15/1997

Global Id: T0603701379
Status: Open - Site Assessment
Status Date: 09/15/1997

Regulatory Activities:
Global Id: T0603701379
Action Type: Other
Date: 09/15/1997
Action: Leak Discovery

Global Id: T0603701379
Action Type: Other
Date: 09/15/1997
Action: Leak Reported

Global Id: T0603701379
Action Type: ENFORCEMENT
Date: 10/25/2007
Action: Closure/No Further Action Letter

Region: STATE

S101583741

UNOCAL SERVICE STATION #7347 (Continued)

Global Id:	T0603729228
Latitude:	34.036393
Longitude:	-118.477432
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/25/2007
Lead Agency:	SANTA MONICA, CITY OF
Case Worker:	MH
Local Agency:	SANTA MONICA, CITY OF
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline, Benzene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603729228
Contact Type:	Local Agency Caseworker
Contact Name:	MONICA HANLEY
Organization Name:	SANTA MONICA, CITY OF
Address:	333 Olympic Drive - 2nd Floor
City:	SANTA MONICA
Email:	monica.hanley@smgov.net
Phone Number:	Not reported

Global Id:	T0603729228
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603729228
Status:	Completed - Case Closed
Status Date:	10/25/2007

Global Id:	T0603729228
Status:	Open - Case Begin Date
Status Date:	07/19/1994

Global Id:	T0603729228
Status:	Open - Site Assessment
Status Date:	07/19/1994

Regulatory Activities:

Global Id:	T0603729228
Action Type:	Other
Date:	07/19/1994
Action:	Leak Discovery

Global Id:	T0603729228

S101583741

UNOCAL SERVICE STATION #7347 (Continued)

Action Type:	REMEDIATION
Date:	07/19/1994
Action:	Excavation
Global Id:	T0603729228
Action Type:	Other
Date:	07/19/1994
Action:	Leak Reported
Global Id:	T0603729228
Action Type:	ENFORCEMENT
Date:	10/25/2007
Action:	Closure/No Further Action Letter

CA FID UST:

Facility ID:	19005833
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2138282900
Mail To:	Not reported
Mailing Address:	3701 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA MONICA 90403
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	18
Number:	1
Board Of Equalization:	44-001057
Referral Date:	01-12-90
Action Date:	01-12-90
Created Date:	01-12-90
Owner Tank Id:	J360089
SWRCB Tank Id:	19-033-000018-000001
Tank Status:	A
Capacity:	500
Active Date:	01-12-90
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	3
Status:	Active
Comp Number:	18
Number:	1
Board Of Equalization:	44-001057

S101583741

UNOCAL SERVICE STATION #7347 (Continued)

Referral Date:	01-12-90
Action Date:	01-12-90
Created Date:	01-12-90
Owner Tank Id:	J360104
SWRCB Tank Id:	19-033-000018-000002
Tank Status:	A
Capacity:	15165
Active Date:	01-12-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	18
Number:	1
Board Of Equalization:	44-001057
Referral Date:	01-12-90
Action Date:	01-12-90
Created Date:	01-12-90
Owner Tank Id:	J360103
SWRCB Tank Id:	19-033-000018-000003
Tank Status:	A
Capacity:	15165
Active Date:	01-12-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA HIST CORTESE S103891094
CA LUST N/A

Y127
SE
1/4-1/2
0.472 mi.
2490 ft.

LIVINGSTON GRAHAM
1637 019TH
SANTA MONICA, CA 90404

Site 4 of 4 in cluster Y

Relative:
Lower

Actual:
135 ft.

HIST CORTESE:	
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	90404234

LUST REG 4:	
Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	904040234
Status:	Preliminary site assessment underway
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701404
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19033

S103891094

LIVINGSTON GRAHAM (Continued)

Cross Street:	COLORADO AVE
Enforcement Type:	Not reported
Date Leak Discovered:	2/23/1993
Date Leak First Reported:	4/8/1993
Date Leak Record Entered:	5/23/1995
Date Confirmation Began:	Not reported
Date Leak Stopped:	2/23/1993
Date Case Last Changed on Database:	4/2/2001
Date the Case was Closed:	Not reported
How Leak Discovered:	Repair Tank
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	CLIFF MONZELOWSKY
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	2423.2057149710650622959571392
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	4/8/1993
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	LIVINSTON-GRAHAM
Responsible Party:	16080 ARROW HIGHWAY, IRWINDALE, CA 91201
RP Address:	LUST
Program:	34.0274179 / -1
Lat/Long:	UNK
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	ADDRESS CHANGED TO 1637 019TH ST. (PER CITY SANTA MONICA); 9/6/00
Summary:	CONFIRMATION SAMPLING WORKPLAN

128
ESE
1/2-1
0.604 mi.
3190 ft.

EXTRA SPACE
1707 CLOVERFIELD BLVD.
SANTA MONICA, CA 90404

CA SLIC **S108741820**
CA DEED **N/A**
CA VCP
CA ENVIROSTOR

Relative:
Lower

Actual:
152 ft.

SLIC:	STATE
Region:	**Open - Inactive**
Facility Status:	02/02/2015
Status Date:	SL0603767271
Global Id:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency:	

S108741820

EXTRA SPACE (Continued)

Lead Agency Case Number:	60000517
Latitude:	34.026951
Longitude:	-118.471221
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	1160
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Trichloroethylene (TCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

DEED:

Envirostor ID:	60000517
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	VOLUNTARY CLEANUP
Status:	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	01/24/2013

VCP:

Facility ID:	60000517
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Robert Krug
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Site Code:	301310
Assembly:	50
Senate:	28
Special Programs Code:	CLRRA Liability Immunity (AB 389)
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	01/24/2013
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.02700 / -118.4710
APN:	4268014013
Past Use:	AEROSPACE MANUFACTURING/MAINTENANCE, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC:	40001, 30005, 30013, 30022, 30024, 30025, 3002502, 30027, 30028, 30103, 30104, 30105, 30116, 30136, 30192, 30193, 30272, 30550, 30564, 30565, 30593
Confirmed COC:	40001-NO,30550,30564,30565,30022,30024,30025,30027,30028,30103,30104, 30105-NO,30116,30136,30192,30193,30272-NO,30005,30013,3002502,30593
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	4268014013

S108741820

EXTRA SPACE (Continued)

Alias Type: APN
Alias Name: 110033617209
Alias Type: EPA (FRS #)
Alias Name: 301310
Alias Type: Project Code (Site Code)
Alias Name: 60000517
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 10/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/03/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/17/2009
Comments: No comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/18/2009
Comments: Comments sent to RP to modify testing/reporting methods.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/01/2009
Comments: No comments sent, comments will be made on the Dec 1, 2009 Soil Gas Survey Sampling Report that summarizes the SVE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/01/2009
Comments: Document was reviewed, comments will be made on the Dec 1, 2009 Soil Gas Survey Sampling Report that summarizes the SVE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/05/2010
Comments: Comments sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/27/2010
Comments: Reviewed with no comments.

S108741820

EXTRA SPACE (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/08/2010
Comments: Eng comments will be consolidated with the 3rd quarter report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/27/2012
Comments: Groundwater sampling of all wells and soil confirmation samples are still needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/27/2012
Comments: Emailed approval of a draft workplan. Asked them to submit a cleaned up version for the file.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/13/2012
Comments: Consists of other documents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/24/2013
Comments: LUC signed, use ok for commercial, industrial, multi-use, condo/apt on 2nd floor, park land

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 11/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/18/2008
Comments: NOE signed and sent to CEQA group.

EXTRA SPACE (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/19/2007
Comments: DTSC AAI comment letter and memo mailed out to Extra Space on March 19, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/19/2007
Comments: DTSC mailed out AAI comment letter and memo to Extra Space on March 19, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 03/19/2007
Comments: DTSC mailed out AAI comment letter and memo to Extra Space on March 19, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/10/2007
Comments: SVE Pilot Test is conditional approved pending incorporation of DTSC comments into the SVE Pilot Test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/18/2007
Comments: SVE Pilot Test Installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 04/08/2008
Comments: DTSC commented on lacking information, these will be addressed in the Response Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/10/2008
Comments: Response Plan approved without changes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/16/2008

EXTRA SPACE (Continued)

Comments: Installation and extra sampling completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60000517
Status: Certified O&M - Land Use Restrictions Only
Status Date: 01/24/2013
Site Code: 301310
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Robert Krug
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 50
Senate: 28
Special Program: CLRRA Liability Immunity (AB 389)
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.02700
Longitude: -118.4710
APN: 4268014013
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS

Potential COC: Asbestos Containing Materials (ACM Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE Vinyl chloride n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon tetrachloride Chloroform 1,1-Dichloroethane 1,2-Dichloroethane (EDC Ethylbenzene Toluene 1,1,2-Trichloroethane Trichlorofluoromethane Xylenes

Confirmed COC: 40001-NO Toluene 1,1,2-Trichloroethane Trichlorofluoromethane Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride n-Butylbenzene sec-Butylbenzene 30105-NO Carbon tetrachloride Chloroform 1,1-Dichloroethane 1,2-Dichloroethane (EDC 30272-NO Total Chromium (1:6 ratio Cr VI:Cr III Lead TPH-MOTOR OIL Xylenes

Potential Description: IA, OTH, SOIL, SV
Alias Name: 4268014013
Alias Type: APN
Alias Name: 110033617209
Alias Type: EPA (FRS #)
Alias Name: 301310
Alias Type: Project Code (Site Code)
Alias Name: 60000517

EXTRA SPACE (Continued)

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 10/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/03/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/17/2009
Comments: No comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/18/2009
Comments: Comments sent to RP to modify testing/reporting methods.

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Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/01/2009
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Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/01/2009
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Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/05/2010
Comments: Comments sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/27/2010
Comments: Reviewed with no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/08/2010
Comments: Eng comments will be consolidated with the 3rd quarter report.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/27/2012
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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/13/2012
Comments: Consists of other documents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/24/2013
Comments: LUC signed, use ok for commercial, industrial, multi-use, condo/apt on 2nd floor, park land

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 11/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/18/2008
Comments: NOE signed and sent to CEQA group.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/19/2007
Comments: Not reported

S108741820

EXTRA SPACE (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/19/2007
Comments: DTSC AAI comment letter and memo mailed out to Extra Space on March 19, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/19/2007
Comments: DTSC mailed out AAI comment letter and memo to Extra Space on March 19, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 03/19/2007
Comments: DTSC mailed out AAI comment letter and memo to Extra Space on March 19, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/10/2007
Comments: SVE Pilot Test is conditional approved pending incorporation of DTSC comments into the SVE Pilot Test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/18/2007
Comments: SVE Pilot Test Installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 04/08/2008
Comments: DTSC commented on lacking information, these will be addressed in the Response Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/10/2008
Comments: Response Plan approved without changes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/16/2008
Comments: Installation and extra sampling completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

S108741820

EXTRA SPACE (Continued)

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

---

129 East 1/2-1 0.610 mi. 3222 ft.

WATER GARDEN PHASE I & II DEVELOPMENT
2500 COLORADO
SANTA MONICA, CA 90404

CA SLIC **S106386931**
LA Co. Site Mitigation **N/A**
CA ENVIROSTOR

Relative: Lower

Actual: 154 ft.

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/05/2002
Global Id: SL0603746763
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.03055
Longitude: -118.470312
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 2045X00
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0130F
Substance: Not reported
Staff: John Geroch

LA Co. Site Mitigation:
Facility ID: Not reported
Site ID: SD0011108
Jurisdiction: County
Case ID: RO0001237
Abated: Not reported
Assigned To: Not reported
Entered Date: 05/11/2004

ENVIROSTOR:
Facility ID: 19210002
Status: Refer: Other Agency
Status Date: 08/21/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported

S106386931

WATER GARDEN PHASE I & II DEVELOPMENT (Continued)

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 50
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03
Longitude: -118.4716
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BEVERLY HILLS CITY DUMP
Alias Type: Alternate Name
Alias Name: GLADDING MCBEAN COMPANY
Alias Type: Alternate Name
Alias Name: PACIFIC COAST BUILDING PRODUCTS
Alias Type: Alternate Name
Alias Name: SYSTEM DEVELOPMENT CORPORATION
Alias Type: Alternate Name
Alias Name: 19210002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/29/1994
Comments: Site Screening conducted. It had been reported that the City of Santa Monica was the lead on this site and that RWQCB was involved, but neither agency has overseen the remediation. The developer said they had a letter from Alternative Technology approving the solidification technology used at this site, but DTSC, Region 3 has no file on this site. The developer has self directed the cleanup of 85,000 cubic yards of lead contaminated soil. Staff recommends a site inspection and a PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/15/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1982
Comments: FACILITY IDENTIFIED ID FROM LA CHAM COMM DIR 1963-64.

Future Area Name: Not reported
Future Sub Area Name: Not reported

S106386931

WATER GARDEN PHASE I & II DEVELOPMENT (Continued)

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

130 East 1/2-1 0.809 mi. 4270 ft.

SANFORD PAPERMATE
1681 26TH STREET
SANTA MONICA, CA 90404

FINDS 1000216144
CA HIST CORTESE N/A
CA SLIC
LA Co. Site Mitigation
CA ENF
CA ENVIROSTOR

Relative: Lower

Actual: 159 ft.

FINDS:

Registry ID: 110000475049

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	2966

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/02/1998
Global Id:	SL2041P1514
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported

SANFORD PAPERMATE (Continued)

Latitude:	34.029636
Longitude:	-118.469442
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0130E1
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	03/22/2010
Global Id:	SL2043C1560
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0287621794645
Longitude:	-118.468601703644
Case Type:	Cleanup Program Site
Case Worker:	PR
Local Agency:	Not reported
RB Case Number:	0130E2
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor, Well used for drinking water supply
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Perchlorate
Site History:	Since the third quarter of 2011, all groundwater monitoring reports for the Gillette site and vicinity can be found at the City of Santa Monica Corporation Yard case on Geotracker (a closed Water Board Case) - The City of Santa Monica Corporation Yard Geotracker Global ID is T0603799303. Through a Settlement Agreement the City of Santa Monica has legal responsibility for control and remediation of all contamination, originating from the Gillette site, now present in the B zone and C zone aquifers. As of the third quarter 2011, all required B, C, and deeper-zone groundwater monitoring activities for Gillettes Paper Mate facilities and the City of Santa Monicas Corporation Yard are conducted and reported by the City of Santa Monica. The City is required to monitor selected monitoring wells on the Gillette property as part of this groundwater monitoring program. The City of Santa Monicas quarterly monitoring reports will serve to replace the monitoring reports previously submitted separately by Gillette and the City of Santa Monica. Gillette Corporation (Gillette) is currently conducting shallow zone groundwater remediation at the Gillette site under specific requirements of a modified CAO. The former Paper Mate facility (Site) is located on 10.5 acres of land immediately north of Olympic Blvd. between Stewart Street on the east and 26th Street to the west, in Santa Monica. This area is designated as an Industrial Corridor by the City of Santa Monica. There are four main buildings (Building I through IV) covering approximately 295,000 square feet. The buildings are on two adjacent properties. The northern property is currently owned by the Higgins Trusts (Higgins) and the southern property is currently owned

1000216144

SANFORD PAPERMATE (Continued)

by Hines 26th Street LLC (Hines). Buildings I, III, and IV are on the Hines property and Building II is on the Higgins property. Prior to 2007, the Hines property was owned by the Stahl Trust (Stahl). PaperMate began operations at the Site in 1957, when they leased Building I from Stahl. In 1968, Building II was leased from Higgins. This was followed, in 1972, with the leasing of Building III from Stahl and, in 1982, with the leasing of Building IV from Stahl. Operations ended in 2006. Prior to the mid-1950s, the area near the site was used for clay quarrying and brick firing. After the clay quarries were depleted they were used as landfills by the Cities of Santa Monica and Beverly Hills. No records describing the material deposited in the landfill have been provided to the Regional Board. Regional Board staff believe, because these were city landfills, that the predominant material deposited in the landfills is local household and industrial solid waste. VOCs have been detected in the subsurface soil, soil vapor, and groundwater underlying the Gillette Site. In addition, VOCs have been detected in groundwater beneath Olympic Blvd., immediately south of the site. In 1957, Paper Mate began manufacturing operations in Building I. Operations included machining, electroplating, metal processing, degreasing, injection molding, and ink manufacturing. Hazardous materials and hazardous waste were also stored in and adjacent to Building I. Wastewater was generated, treated and discharged to the sanitary sewer. Numerous underground and above ground tanks were used at Building I. Manufacturing operations began in Building II in 1968. Operations included extrusion of plastic pen parts, sintering and grinding, ink manufacturing, product assembly, nickel plating, and plant maintenance. Building III was first occupied by PaperMate in 1972. It was used for packaging, warehousing, and shipping products. In 1994, manufacturing began in Building III. Building III manufacturing included extrusion, molding, and assembly. Facility maintenance also occurred in the building. Chemicals used included hydraulic oil, lubricants, grease, fluid coolant, antifreeze, adhesives, primers, paints, cutting fluids. Hazardous materials were stored in designated areas within Building III. There were no ASTs or USTs near Building III. Industrial wastewater was not produced at Building III. Building IV was first occupied by Gillette in 1982. It was used for general storage and product storage. In 2002, operations ceased in Building II and equipment maintenance moved to Building IV. Maintenance involved rinsing processing equipment brought from other parts of the building. The equipment was rinsed with water, glycols, and n-propanol. The rinse liquid was handled as industrial wastewater. The hazardous materials noted above were stored in designated areas within Building IV. There were no ASTs or USTs near Building IV. Industrial wastewater was not produced at Building IV. Assessment activities have taken place intermittently since 1986. As of late 2009, In Situ Thermal Treatment was being used to remove VOCs from soil and shallow groundwater. Site contamination and the proximity of the Site to City of Santa Monica domestic water supply wells are the primary conditions requiring assessment and remediation. Site contamination includes PCE and TCE in shallow groundwater beneath the Site at concentrations as high as 21,000 a%g/L and 1,400 a%g/L, respectively. Deep groundwater beneath the Site is contaminated with TCE at concentrations as high as 979 a%g/L. There are significant sources of PCE and TCE in Site soil as indicated by detections of PCE and TCE in soil vapor at concentrations as high as 28,000 a%g/L and 4,904 a%g/L, respectively, and in soil at concentrations as high as

SANFORD PAPERMATE (Continued)

2,500,000 a%g/kg and 170 a%g/kg, respectively. There are three City of Santa Monica water supply wells near the site. Well SM-7 (not operating) is immediately south of the east end of the Site, well SM-4 is approximately 750 feet east of the Site, and well SM-3 is approximately 1600 feet east of the Site. Volatile organic compounds including PCE and TCE have been detected in the City of Santa Monica water supply wells.

Click here to access the California GeoTracker records for this facility:

LA Co. Site Mitigation:

Facility ID:	FA0000510
Site ID:	SD0011106
Jurisdiction:	State
Case ID:	RO0011106
Abated:	Not reported
Assigned To:	Not reported
Entered Date:	05/11/2004

ENF:

Region:	4
Facility Id:	228825
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.02906
Place Longitude:	-118.469893
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	TANKS
Program Category2:	Not reported
# Of Programs:	

SANFORD PAPERMATE (Continued) **1000216144**

WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	362017
Region:	4
Order / Resolution Number:	R4-2008-0034
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/25/2008
Adoption/Issuance Date:	07/25/2008
Achieve Date:	Not reported
Termination Date:	07/25/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO R4-2008-0034 issued 7/25/08 to assess & clean up contamination at site.
Description:	CAO R4-2008-0034 issued 7/25/08 to assess & clean up contamination at site.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

ENVIROSTOR:

Facility ID:	19390024
Status:	Refer: Other Agency
Status Date:	06/06/1995

1000216144

SANFORD PAPERMATE (Continued)

Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 50
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.02913
Longitude: -118.4681
APN: 4268001040
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * TANK BOTTOM WASTES * UNSPECIFIED ACID SOLUTION * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CITY OF SANTA MONICA SOLID WASTE LDFL
Alias Type: Alternate Name
Alias Name: GILETTE COMPANY - PAPERMATE DIVISION
Alias Type: Alternate Name
Alias Name: HIGGINS BRICK COMPANY
Alias Type: Alternate Name
Alias Name: PAPERMATE DIVISION OF GILETTE
Alias Type: Alternate Name
Alias Name: 4268001040
Alias Type: APN
Alias Name: CAD054861539
Alias Type: EPA Identification Number
Alias Name: 110000475049
Alias Type: EPA (FRS #)
Alias Name: CAD054861539
Alias Type: HWTS Identification Code
Alias Name: 19390024
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/28/1994
Comments: U.S. EPA completed a Site Inspection Prioritization and recommended a HRS evaluation. Papermate currently working with the City of Santa Monica to implement remediation of soil contamination. The site consists of approximately 10 acres which includes four buildings. Building I is used for metal fabrication, assembly, and jparts molding processes. Building II is used for packaging, ink formulation, and additional product assembly. Building II is used for warehousing and packaging and Building IV is used for storage of machine parts and furniture. The site is entirely covered by

SANFORD PAPERMATE (Continued)

buildings or pavement and completely fenced. In 1985 in response to the City of Santa Monica's require- ments RP tested the pressure of 18 USTs and excavated and removed VOC contaminated soil from the site. In Feb 1992 metal contaminated soil beneath the plating room floor of Building I was excavated and removed. In June 1993, six USTs were removed from the vicinity of Building I and soil contaminated with TPH was excavated and removed from the site. In August 1993 RP removed four USTs containing haz substances in the vicinity of Building II. Post removal soil samples indicated the presence of 1,2-dichloroethane 57 ug/kg, 1,1-dichloroethane 180 ug/kg, 1,1,1-trichloro- ethane 450 ug/kg, tetrachloroethene 100 ug/kg, trichloro- ethene 30 ug/kg, and 1,1-dichloroethene 440 ug/kg. The City of Santa Monica is currently working with Papermate to implement a remediation technique for the VOC contamin- ated soil in the vicinity of Building II.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/12/1990
Comments: SITE SCREENING DONE EPA COMPLETED LISTING SITE INSPECTION & WILL LIST SITE; EPA LEAD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/16/1988
Comments: SITE SCREENING DONE DHS WILL DO AN HRS PACKET TO DETERMINE THE RELATIVE THREAT TO HUMAN HEALTH AND THE ENVIRONMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/20/1987
Comments: SITE SCREENING DONE UPDATE STATUS DUE TO CONTMN HISTORY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 12/04/1986
Comments: SITE INSP DONE E&E RECOMMENDS A LISTING SITE INSPECTION UNDER CERCLA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/01/1982
Comments: FACILITY IDENTIFIED LA CHAM COMM DIR 1963-64. MANUFACTURE PENS.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

131
East
1/2-1
0.817 mi.
4316 ft.

ACADEMY OF ENTERTAINMENT & TECHNOLOGY
1660 STEWART ST
SANTA MONICA, CA 90066

CA SCH S111752598
CA NPDES N/A
CA LUST
CA ENVIROSTOR

Relative:
Lower

Actual:
162 ft.

SCH:

Facility ID:	60001654
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.44
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304640
Assembly:	41
Senate:	28
Special Program Status:	Not reported
Status:	Active
Status Date:	04/27/2012
Restricted Use:	NO
Funding:	School District
Latitude:	34.03087
Longitude:	-118.4675
APN:	NONE SPECIFIED
Past Use:	SCHOOL - COLLEGE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	304640
Alias Type:	Project Code (Site Code)
Alias Name:	60001654
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	05/08/2012
Comments:	Fully executed VCA sent (FedEx) to District.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	06/27/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/27/2014
Comments:	Not reported

Completed Area Name: PROJECT WIDE

S111752598

ACADEMY OF ENTERTAINMENT & TECHNOLOGY (Continued)

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/27/2013
Comments: DTSC approved the PEA with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/24/2014
Comments: An updated SSI Report (dated Oct 7, 2014) was submitted in lieu of a revised workplan

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Supplemental Site Investigation Report
Future Due Date: 2015
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:
Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 4
Regulatory Measure Id: 412700
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 4 19C363306
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/26/2012
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Santa Monica Community College District
Discharge Address: 1900 Pico Blvd
Discharge City: Santa Monica
Discharge State: California
Discharge Zip: 90405

LUST:
Region: STATE
Global Id: T10000006140
Latitude: 34.0313340584694
Longitude: -118.467645636829
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/08/2014
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: DPP
Local Agency: Not reported
RB Case Number: 904040498
LOC Case Number: Not reported

ACADEMY OF ENTERTAINMENT & TECHNOLOGY (Continued)

File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T10000006140
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Status History:
Global Id: T10000006140
Status: Open - Case Begin Date
Status Date: 08/18/2014

Global Id: T10000006140
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/05/2014

Global Id: T10000006140
Status: Open - Eligible for Closure
Status Date: 10/14/2014

Global Id: T10000006140
Status: Completed - Case Closed
Status Date: 12/08/2014

Global Id: T10000006140
Status: Open - Inactive
Status Date: 08/27/2014

Regulatory Activities:
Global Id: T10000006140
Action Type: ENFORCEMENT
Date: 09/05/2014
Action: Staff Letter

Global Id: T10000006140
Action Type: Other
Date: 08/18/2014
Action: Leak Began

Global Id: T10000006140
Action Type: Other
Date: 08/18/2014
Action: Leak Discovery

Global Id: T10000006140
Action Type: Other
Date: 08/18/2014

S111752598

ACADEMY OF ENTERTAINMENT & TECHNOLOGY (Continued)

Action: Leak Reported

Global Id: T10000006140
Action Type: ENFORCEMENT
Date: 10/14/2014
Action: Notification - Preclosure

Global Id: T10000006140
Action Type: ENFORCEMENT
Date: 12/08/2014
Action: Closure/No Further Action Letter

Global Id: T10000006140
Action Type: ENFORCEMENT
Date: 08/18/2014
Action: Referral to Regional Board

Global Id: T10000006140
Action Type: ENFORCEMENT
Date: 09/02/2014
Action: Staff Letter

Global Id: T10000006140
Action Type: RESPONSE
Date: 12/01/2014
Action: Soil and Water Investigation Report

Global Id: T10000006140
Action Type: RESPONSE
Date: 11/01/2014
Action: Other Report / Document

ENVIROSTOR:
Facility ID: 60001654
Status: Active
Status Date: 04/27/2012
Site Code: 304640
Site Type: School Cleanup
Site Type Detailed: School
Acres: 3.44
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ivy Osornio
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 41
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.03087
Longitude: -118.4675
APN: NONE SPECIFIED
Past Use: SCHOOL - COLLEGE

S111752598

ACADEMY OF ENTERTAINMENT & TECHNOLOGY (Continued)

Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 304640
Alias Type: Project Code (Site Code)
Alias Name: 60001654
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/08/2012
Comments: Fully executed VCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/27/2013
Comments: DTSC approved the PEA with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/24/2014
Comments: An updated SSI Report (dated Oct 7, 2014) was submitted in lieu of a revised workplan

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Supplemental Site Investigation Report
Future Due Date: 2015
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CA ENVIROSTOR S107737279
N/A

132
ESE
1/2-1
0.902 mi.
4761 ft.

SANTA MONICA HOUSING PROJECT

SANTA MAONICA, CA

Relative:
Lower

Actual:
155 ft.

ENVIROSTOR:

Facility ID:	80001138
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	50
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.02666
Longitude:	-118.4666
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	Santa Monica Housing Project
Alias Type:	Alternate Name
Alias Name:	CA99799FA46700
Alias Type:	Federal Facility ID
Alias Name:	J09CA7440
Alias Type:	INPR
Alias Name:	80001138
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

EDR MGP 1008407777
N/A

AA133
SSW
1/2-1
0.936 mi.
4943 ft.

EDISON/SANTA MONICA MGP
819 COLORADO AVE
SANTA MONICA, CA 90401

Site 1 of 2 in cluster AA

Relative:
Lower

Actual:
92 ft.

Manufactured Gas Plants:
No additional information available

LA Co. Site Mitigation S102564458
CA VCP N/A
CA ENVIROSTOR

AA134
SSW
1/2-1
0.936 mi.
4943 ft.

SANTA MONICA MFG GAS PLANT
819 COLORADO
SANTA MONICA, CA 90404

Site 2 of 2 in cluster AA

Relative:
Lower

Actual:
92 ft.

LA Co. Site Mitigation:

Facility ID:	Not reported
Site ID:	SD0011107
Jurisdiction:	County
Case ID:	RO0001120
Abated:	Not reported
Assigned To:	Not reported
Entered Date:	05/11/2004

VCP:

Facility ID:	19490228
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Hamid Saebfar
Division Branch:	Cleanup Chatsworth
Site Code:	300272
Assembly:	50
Senate:	28
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	08/24/1992
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.01699 / -118.4881
APN:	NONE SPECIFIED
Past Use:	MANUFACTURED GAS PLANT
Potential COC:	10002, 10061, 10063, 10064, 10097, 10100, 10196, 10198, 10199, 20010, 20017, 20027, 30001, 30013, 30160
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL, SV
Alias Name:	EDISON ELECTRIC COMPANY
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA ELECTRIC & POWER CO. MGP
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA GAS & POWER COMPANY

SANTA MONICA MFG GAS PLANT (Continued)

Alias Type: Alternate Name
Alias Name: SANTA MONICA MANUFACTURED GAS PLANT
Alias Type: Alternate Name
Alias Name: SOUTHERN CAL EDISON - SANTA MONICA MGP
Alias Type: Alternate Name
Alias Name: SOUTHERN CALIFORNIA EDISON
Alias Type: Alternate Name
Alias Name: UNITED ELETRIC GAS & POWER COMPANY MGP
Alias Type: Alternate Name
Alias Name: 110033614514
Alias Type: EPA (FRS #)
Alias Name: 300272
Alias Type: Project Code (Site Code)
Alias Name: 19490228
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/15/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/24/1992
Comments: The Southern California Edison's former manufactured gas plant (MGP) was operated at the site from 1900 to 1903 and dismantled prior to 1909. MGPs such as the subject facility in Santa Monica were operated by various utility companies from the 1800s to the mid-1900s to produce gas from coal or oil. The gas manufacturing and purification processed yielded various byproducts or residues, consisting of lampblack, light oils, tars, sludges, and other petroleum products. During the investigtion, polynuclear aromatic hydrocarbons (PAHs) and metals were detected. The Dept. received a PEA report on May 14, 1992. On August 24, 1992 the Department completed review of the PEA. The PEA recommended "No Further Action" was needed at the site. The PAH concentration at the site exceeded the PEA screening values. Therefore, the Department recommended that "Further Action" was necessary at the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19490228
Status: No Further Action
Status Date: 08/24/1992
Site Code: 300272

SANTA MONICA MFG GAS PLANT (Continued)

Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Hamid Saebfar
Division Branch:	Cleanup Chatsworth
Assembly:	50
Senate:	28
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.01699
Longitude:	-118.4881
APN:	NONE SPECIFIED
Past Use:	MANUFACTURED GAS PLANT
Potential COC:	* HALOGENATED ORGANIC COMPOUNDS * ORGANIC LIQUIDS WITH METALS * ORGANIC SOLIDS WITH HALOGENS * OTHER ORGANIC SOLIDS * CONTAMINATED SOIL * OFF-SPECIFICATION, AGED, OR SURPLUS ORGANICS * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS * UNSPECIFIED ORGANIC LIQUID MIXTURE * SULFUR SLUDGE Arsenic Lead Cyanide (free
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL, SV
Alias Name:	EDISON ELECTRIC COMPANY
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA ELECTRIC & POWER CO. MGP
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA GAS & POWER COMPANY
Alias Type:	Alternate Name
Alias Name:	SANTA MONICA MANUFACTURED GAS PLANT
Alias Type:	Alternate Name
Alias Name:	SOUTHERN CAL EDISON - SANTA MONICA MGP
Alias Type:	Alternate Name
Alias Name:	SOUTHERN CALIFORNIA EDISON
Alias Type:	Alternate Name
Alias Name:	UNITED ELETRIC GAS & POWER COMPANY MGP
Alias Type:	Alternate Name
Alias Name:	110033614514
Alias Type:	EPA (FRS #)
Alias Name:	300272
Alias Type:	Project Code (Site Code)
Alias Name:	19490228
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/15/1993
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report

SANTA MONICA MFG GAS PLANT (Continued) **S102564458**

Completed Date: 08/24/1992
Comments: The Southern California Edison's former manufactured gas plant (MGP) was operated at the site from 1900 to 1903 and dismantled prior to 1909. MGPs such as the subject facility in Santa Monica were operated by various utility companies from the 1800s to the mid-1900s to produce gas from coal or oil. The gas manufacturing and purification processed yielded various byproducts or residues, consisting of lampblack, light oils, tars, sludges, and other petroleum products. During the investigtion, polynuclear aromatic hydrocarbons (PAHs) and metals were detected. The Dept. received a PEA report on May 14, 1992. On August 24, 1992 the Department completed review of the PEA. The PEA recommended "No Further Action" was needed at the site. The PAH concentration at the site exceeded the PEA screening values. Therefore, the Department recommended that "Further Action" was necessary at the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ORPHAN SUMMARY

Count: 9 records.

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S107537504		ALLEY WAY AT 9501 HICKORY ST		CA CDL
LOS ANGELES	S107537501		ALLEY BEHIND 9217 LAUREL ST		CA CDL
LOS ANGELES	S117038673	UNIVERSITY HIGH SCHOOL SOIL GAS ST	DIFFERENT LOCATIONS BETWEEN 11	90025	CA ENVIROSTOR
SANTA MONICA	S111842234	SPC ELECTRONIC RESEARCH	2500 NEBRASKA AVENUE	90404	CA ENVIROSTOR
SANTA MONICA	S111842230	SPAZIER SOAP CHEMICAL	2400 NEBRASKA AVE.	90404	CA ENVIROSTOR
SAWTELLE	S105691983	76 STATION #5210	11954 SANTA MONICA BLVD	90025	CA LUST
SAWTELLE	S105693815	TOSCO - 76 STATION #1715	10389 SANTA MONICA BLVD	90025	CA LUST
SAWTELLE	S102441168	WEST L.A. SHELL	11574 SANTA MONICA BLVD	90025	CA LUST
SAWTELLE	S103891186	CHEVRON #9-7748 (FORMER)	11800 WILSHIRE BLVD	90025	CA LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database
The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/16/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/04/2015
Date Data Arrived at EDR: 04/07/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 6

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing
The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing
The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 10

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/26/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/16/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 11

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 25

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/05/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 5

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 7

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/24/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 19

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 7

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/19/2015
Date Data Arrived at EDR: 01/20/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 12

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/20/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 4

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 33

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/24/2015
Date Data Arrived at EDR: 03/25/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 6

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/16/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 8

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/03/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 24

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/27/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 32

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/04/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1925 ARIZONA ST AND 1242 20TH ST
1925 ARIZONA ST AND 1242 20TH ST
SANTA MONICA, CA 90404

TARGET PROPERTY COORDINATES

Latitude (North):	34.03 - 34° 1' 48.00"
Longitude (West):	118.4822 - 118° 28' 55.92"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	363161.3
UTM Y (Meters):	3766278.5
Elevation:	167 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-A4 BEVERLY HILLS, CA
Most Recent Revision:	1999

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

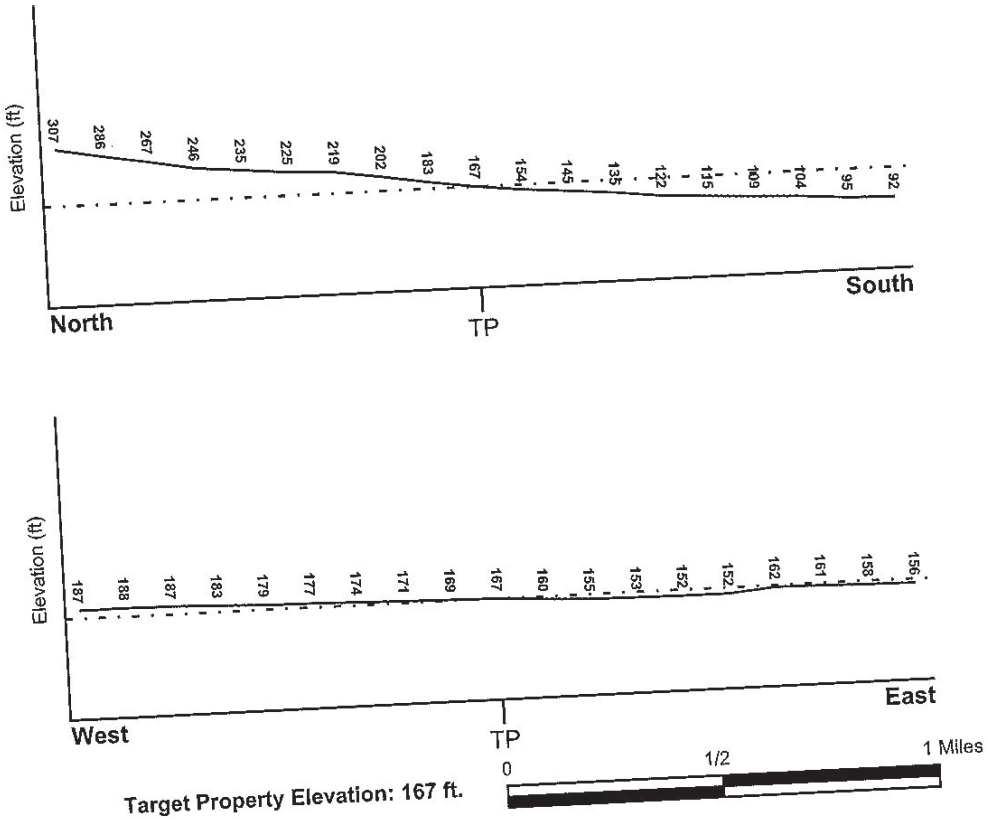
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 167 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06037C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BEVERLY HILLS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile East
Site Name:	Chemold Co.- Broadway
Site EPA ID Number:	CA0000476655
Groundwater Flow Direction:	Southeast
Measured Depth to Water:	approximately 50 feet in the Ballona aquifer.
Hydraulic Connection:	The near-surface deposits to a depth of 90 feet include gravel and coarse sand of the recent alluvium. The recent alluvium is underlain by the Silverado aquifer, which is located within sand and gravel deposits with small amounts of clay.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/2 - 1 Mile WNW	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CA3600297	1/4 - 1/2 Mile WNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

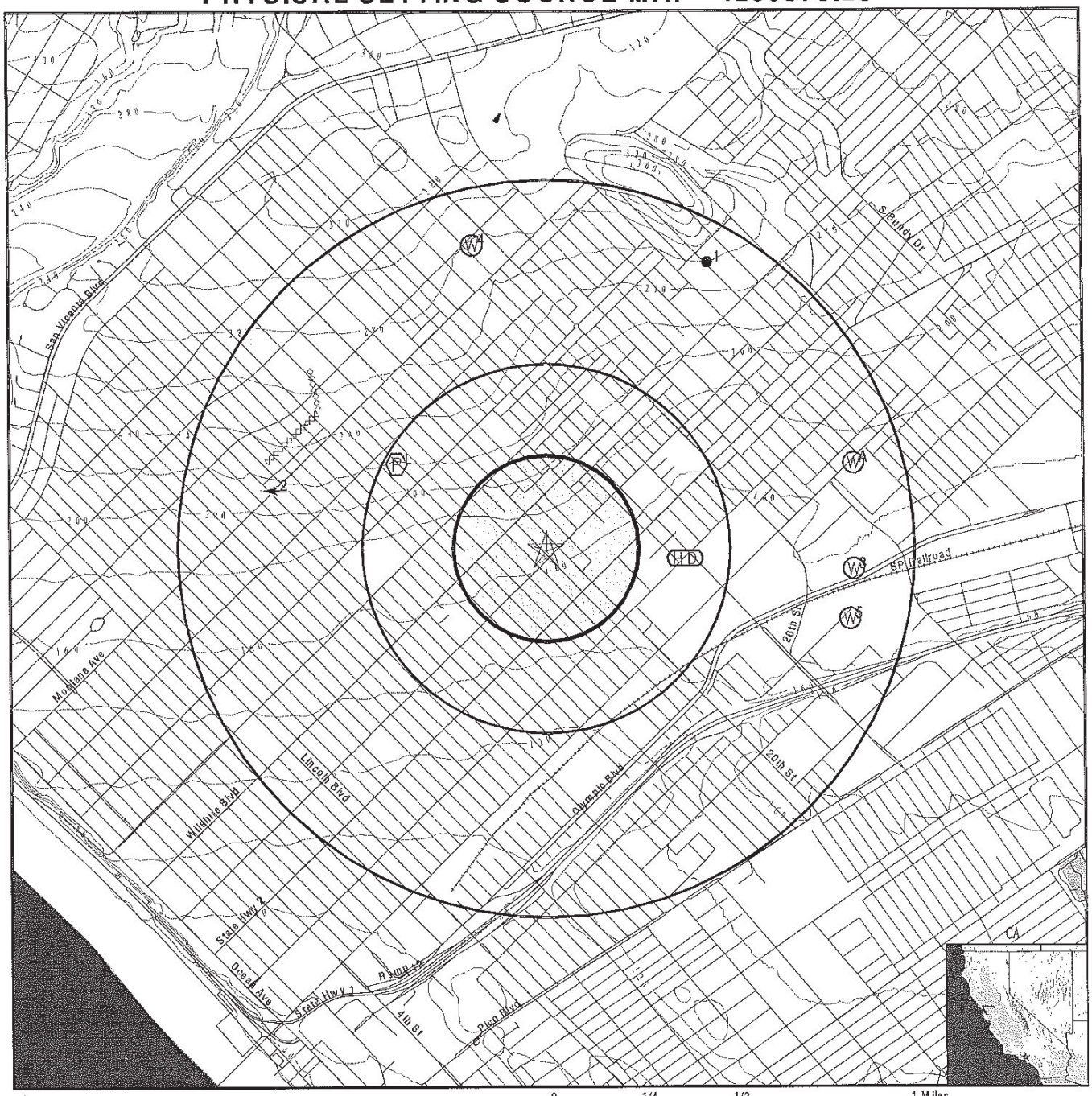
MAP ID	WELL ID	LOCATION FROM TP
3	1507	1/2 - 1 Mile East
4	1511	1/2 - 1 Mile NNW
5	2995	1/2 - 1 Mile ESE
A6	22904	1/2 - 1 Mile ENE
A7	1513	1/2 - 1 Mile ENE
A8	1510	1/2 - 1 Mile ENE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000031609	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 4285375.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 1925 Arizona St and 1242 20th St	CLIENT: Northgate Env. Management, Inc.
ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica CA 90404	CONTACT: Nicky Galloway INQUIRY #: 4285375.2s
LAT/LONG: 34.03 / 118.4822	DATE: May 06, 2015 12:58 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **WNW** **1/4 - 1/2 Mile** **Higher**		**FRDS PWS**	**CA3600297**

Epa region:	09	State:	CA
Pwsid:	CA3600297		
Pwsname:	GORDON ACRES WATER CO		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06071
Status:	Active	Pop srvd:	195
Pwssvcconn:	39	Source:	Groundwater
Pws type:	CWS	Owner:	Private
Contact:	Vivian Roberts		
Contactor gname:	Gordon Acres (Stewart WC)		
Contact phone:	7602486357	Contact address1:	P O Box 1035
Contact address2:	Not Reported	Contact city:	Lucerne Valley
Contact state:	CA	Contact zip:	92356
Activity code:	A		

Location Information:			
Name:	GORDON ACRES WATER CO	Primsrccd:	GW
Pwstypcd:	CWS		
Popserved:	195		
Add1:	P O BOX 1035		
Add2:	Not Reported		
City:	LUCERNE VALLEY	State:	CA
Zip:	92356	Phone:	7602486357
Cityserv:	Not Reported	Cntyserv:	San Bernardino
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:			
Violation id:	9800001	Orig cd:	S
Enf fy:	2010	Enf act date:	05/20/2010
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:			
Violation id:	9700006	Orig cd:	S
Enf fy:	2010	Enf act date:	05/20/2010
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:			
Violation id:	9700005	Orig cd:	S
Enf fy:	2010	Enf act date:	05/20/2010
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:			
Violation id:	9700004	Orig cd:	S
Enf fy:	2010	Enf act date:	05/20/2010
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:
Violation id: 9700003
Enf fy: 2010
Enf act detail: St Compliance achieved
Orig cd: S
Enf act date: 05/20/2010
Enf act cat: Resolving

Enforcement Information:
Violation id: 9700001
Enf fy: 2010
Enf act detail: St Compliance achieved
Orig cd: S
Enf act date: 05/20/2010
Enf act cat: Resolving

Enforcement Information:
Violation id: 95V0001
Enf fy: 2005
Enf act detail: Fed Compliance achieved
Orig cd: F
Enf act date: 09/30/2005
Enf act cat: Resolving

Enforcement Information:
Violation id: 1000001
Enf fy: 2010
Enf act detail: St Compliance achieved
Orig cd: S
Enf act date: 08/05/2010
Enf act cat: Resolving

Enforcement Information:
Violation id: 0300001
Enf fy: 2010
Enf act detail: St Compliance achieved
Orig cd: S
Enf act date: 05/20/2010
Enf act cat: Resolving

Violations Information:
Violoation id: 95V0001
State: CA
Contamcd: 5000
Contamnm: Lead and Copper Rule
Viol code: 51
Viol name: Initial Tap Sampling for Pb and Cu
Rule code: 350
Rule name: LCR
Violmeasur: 0
State mcl: 0
Cmpedt: Not Reported
Orig cd: F
Viol fy: 1993
Unitmeasur: Not Reported
Cmpbdt: 07/01/1993

Violations Information:
Violoation id: 1300001
State: CA
Contamcd: 3100
Contamnm: Coliform (TCR)
Viol code: 22
Viol name: MCL, Monthly (TCR)
Rule code: 110
Rule name: TCR
Violmeasur: Not Reported
State mcl: Not Reported
Cmpedt: 05/31/2013
Orig cd: S
Viol fy: 2013
Unitmeasur: Not Reported
Cmpbdt: 05/01/2013

Violations Information:
Violoation id: 0300001
State: CA
Contamcd: 3100
Contamnm: Coliform (TCR)
Viol code: 22
Viol name: MCL, Monthly (TCR)
Rule code: 110
Rule name: TCR
Violmeasur: Not Reported
Orig cd: S
Viol fy: 2003
Unitmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl: Not Reported
Cmpbdt: 09/01/2003
Cmpedt: 09/30/2003

PWS ID: CA3600297
Date Initiated: Not Reported
Date Deactivated: Not Reported
PWS Name: STEWART WC
LUCERNE VALLEY, CA 92356

Addressee / Facility: System Owner/Responsible Party
STEWART WC
P O BOX 468
LUCERNE VALLEY, CA 923560000

Facility Latitude: 34 02 00
Facility Longitude: 118 29 18
City Served: Not Reported
Population: 195
Treatment Class: Untreated

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009
Pwsid: CA3600297
Pwsname: Gordon Acres (Stewart WC)
Retpopsrvd: 195
Pwstypecod: C
Voiid: 0300001
Contaminant: COLIFORM (TCR)
Viol. Type: MCL, Monthly (TCR)
Complperbe: 9/1/2003 0:00:00
Complperen: 9/30/2003 0:00:00
Enfdate: 9/29/2003 0:00:00
Enf action: State Admin Penalty Assessed
Violmeasur: Not Reported

Truedate: 03/31/2009
Pwsid: CA3600297
Pwsname: Gordon Acres (Stewart WC)
Retpopsrvd: 195
Pwstypecod: C
Voiid: 95V0001
Contaminant: LEAD & COPPER RULE
Viol. Type: Initial Tap Sampling for Pb and Cu
Complperbe: 7/1/1993 0:00:00
Complperen: 9/30/2005 0:00:00
Enfdate: 9/30/2005 0:00:00
Enf action: Fed Compliance Achieved
Violmeasur: 0

System Name: GORDON ACRES (STEWART WC)
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 9/1/2003 0:00:00 - 9/30/2003 0:00:00
Violation ID: 0300001
Enforcement Date: 9/29/2003 0:00:00
Enf. Action: State Admin Penalty Assessed

System Name: GORDON ACRES (STEWART WC)
Violation Type: MCL, Monthly (TCR)
Contaminant: COLIFORM (TCR)
Compliance Period: 09/01/03 - 09/30/03
Violation ID: 0300001
Enforcement Date: 09/29/03
Enf. Action: State Admin Penalty Assessed

System Name: GORDON ACRES (STEWART WC)
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 7/1/1993 0:00:00 - 9/30/2005 0:00:00
Violation ID: 95V0001
Enforcement Date: 9/30/2005 0:00:00
Enf. Action: Fed Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	GORDON ACRES (STEWART WC)		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	95V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	GORDON ACRES (STEWART WC)		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	07/01/93 - 09/30/05		
Violation ID:	95V0001		
Enforcement Date:	09/30/05	Enf. Action:	Fed Compliance Achieved

CONTACT INFORMATION:

Name:	Gordon Acres (Stewart WC)	Population:	195
Contact:	Vivian Roberts	Phone:	Not Reported
Address:	P O Box 1035		
Address 2:	Lucerne Valley		
	CA, 92 76024		

2
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **69253**

Site ID:	0080
Groundwater Flow:	W
Shallow Water Depth:	3.46
Deep Water Depth:	9.91
Average Water Depth:	Not Reported
Date:	05/06/1999

3
East
1/2 - 1 Mile
Lower

CA WELLS **1507**

Water System Information:

Prime Station Code:	01S/15W-04C01 S	User ID:	4TH
FRDS Number:	1910146020	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340145.0 1182800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	SANTA MONICA WELL 07		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		

4
NNW
1/2 - 1 Mile
Higher

CA WELLS **1511**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	01S/15W-32A06 S	User ID:	4TH
FRDS Number:	1910146001	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	340231.0 1182905.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	ARCADIA WELL 05 - INACTIVE		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		
Sample Collected:	24-JAN-12	Findings:	0.32 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	24-JAN-12	Findings:	0.7 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	27-FEB-12	Findings:	11.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-MAR-12	Findings:	54.4 UG/L
Chemical:	MANGANESE		
Sample Collected:	29-MAY-12	Findings:	11.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-JUN-12	Findings:	58.6 UG/L
Chemical:	MANGANESE		
Sample Collected:	27-AUG-12	Findings:	1212. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	27-AUG-12	Findings:	6.9
Chemical:	PH, LABORATORY		
Sample Collected:	27-AUG-12	Findings:	270. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-AUG-12	Findings:	329. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-AUG-12	Findings:	484. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-AUG-12	Findings:	113. MG/L
Chemical:	CALCIUM		
Sample Collected:	27-AUG-12	Findings:	49.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-AUG-12	Findings:	75.6 MG/L
Chemical:	SODIUM		
Sample Collected:	27-AUG-12	Findings:	3.2 MG/L
Chemical:	POTASSIUM		
Sample Collected:	27-AUG-12	Findings:	117. MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	27-AUG-12	Findings:	0.31 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	27-AUG-12	Findings:	789. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-AUG-12	Findings:	11.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-AUG-12	Findings:	0.22 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	25-FEB-13	Findings:	7.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-AUG-13	Findings:	1.49 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	26-AUG-13	Findings:	0.18 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	26-AUG-13	Findings:	2.9 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	26-AUG-13	Findings:	0.41 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	26-AUG-13	Findings:	0.88 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	28-OCT-13	Findings:	54.5 UG/L
Chemical:	MANGANESE		
Sample Collected:	27-JAN-14	Findings:	48.8 UG/L
Chemical:	MANGANESE		
Sample Collected:	27-JAN-14	Findings:	9.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	28-APR-14	Findings:	. 51.4 UG/L
Chemical:	MANGANESE		
Sample Collected:	28-JUL-14	Findings:	. 49.1 UG/L
Chemical:	MANGANESE		
Sample Collected:	27-OCT-14	Findings:	. 49.6 UG/L
Chemical:	MANGANESE		
Sample Collected:	28-MAR-11	Findings:	106. UG/L
Chemical:	IRON		
Sample Collected:	28-MAR-11	Findings:	33. UG/L
Chemical:	MANGANESE		
Sample Collected:	28-MAR-11	Findings:	22.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	28-MAR-11	Findings:	39. MG/L
Chemical:	SILICA		
Sample Collected:	23-MAY-11	Findings:	104. UG/L
Chemical:	IRON		
Sample Collected:	23-MAY-11	Findings:	40.1 UG/L
Chemical:	MANGANESE		

Sample Collected:	23-MAY-11	Findings:	10.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-AUG-11	Findings:	1.8 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	22-AUG-11	Findings:	101. UG/L
Chemical:	IRON		
Sample Collected:	22-AUG-11	Findings:	51. UG/L
Chemical:	MANGANESE		
Sample Collected:	22-AUG-11	Findings:	11.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-AUG-11	Findings:	4.46 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	22-AUG-11	Findings:	2.28 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	22-AUG-11	Findings:	2. PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	24-JAN-12	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	24-JAN-12	Findings:	39.2 UG/L
Chemical:	MANGANESE		
Sample Collected:	24-JAN-12	Findings:	11.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-JAN-12	Findings:	1.2 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	24-JAN-12	Findings:	0.16 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	24-JAN-12	Findings:	2.3 PCI/L
Chemical:	URANIUM (PCI/L)		

CA WELLS **2995**

5
ESE
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	02S/15W-05H01 S	User ID:	4TH
FRDS Number:	1910146014	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	340138.0 1182801.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	SANTA MONICA WELL 02A - INACTIVE		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A6 **ENE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**22904**

Water System Information:

Prime Station Code:	G19/146-VOAEEF1	User ID:	4TH
FRDS Number:	1910146021	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340200.0 1182800.0	Precision:	1 Mile (One Minute)
Source Name:	ARCADIA TREATMENT PLANT - TREATED		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		

A7 **ENE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**1513**

Water System Information:

Prime Station Code:	01S/15W-33D04 S	User ID:	4TH
FRDS Number:	1910146002	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340200.0 1182800.0	Precision:	Undefined
Source Name:	ARCADIA WELL 03 - DESTROYED		
System Number:	1910146		
System Name:	SANTA MONICA-CITY, WATER DIVISION		
Organization That Operates System:	1212 FIFTH ST., 3RD FLOOR SANTA MONICA, CA 90401		
Pop Served:	86905	Connections:	15905
Area Served:	SANTA MONICA		

A8 **ENE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**1510**

Water System Information:

Prime Station Code:	01S/15W-32A05 S	User ID:	4TH
FRDS Number:	1910146003	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340200.0 1182800.0	Precision:	Undefined
Source Name:	ARCADIA WELL 04		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910146
System Name: SANTA MONICA-CITY, WATER DIVISION
Organization That Operates System:
1212 FIFTH ST., 3RD FLOOR
SANTA MONICA, CA 90401

Pop Served: 86905
Connections: 15905
Area Served: SANTA MONICA

Sample Collected:	28-JAN-13	Findings:	20.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-APR-13	Findings:	19.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-APR-13	Findings:	0.209 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	22-APR-13	Findings:	1.6e-002 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	22-JUL-13	Findings:	21.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-AUG-13	Findings:	1.05 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	26-AUG-13	Findings:	1.5 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	26-AUG-13	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	26-AUG-13	Findings:	0.42 PCI/L
Chemical:	RADIUM 226 MDA95		
Sample Collected:	26-AUG-13	Findings:	0.78 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	29-OCT-13	Findings:	21.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-AUG-14	Findings:	. 0.75 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	28-FEB-11	Findings:	18.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-AUG-12	Findings:	1173. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	27-AUG-12	Findings:	7.16
Chemical:	PH, LABORATORY		
Sample Collected:	27-AUG-12	Findings:	268. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-AUG-12	Findings:	327. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-AUG-12	Findings:	491. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-AUG-12	Findings:	115. MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	27-AUG-12	Findings:	48.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-AUG-12	Findings:	73.8 MG/L
Chemical:	SODIUM		
Sample Collected:	27-AUG-12	Findings:	2.6 MG/L
Chemical:	POTASSIUM		
Sample Collected:	27-AUG-12	Findings:	117. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-AUG-12	Findings:	0.3 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	27-AUG-12	Findings:	776. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-AUG-12	Findings:	0.23 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	24-SEP-12	Findings:	20.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-SEP-12	Findings:	1.1 UG/L
Chemical:	BROMOFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database | EDR ID Number

1
NNE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031609**

Districtnu:	1	Apinumber:	03705209
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Birch & Royer		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	32		
Township:	01S	Range:	15W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.041261		
Glong:	-118.474474		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031609

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90404	11	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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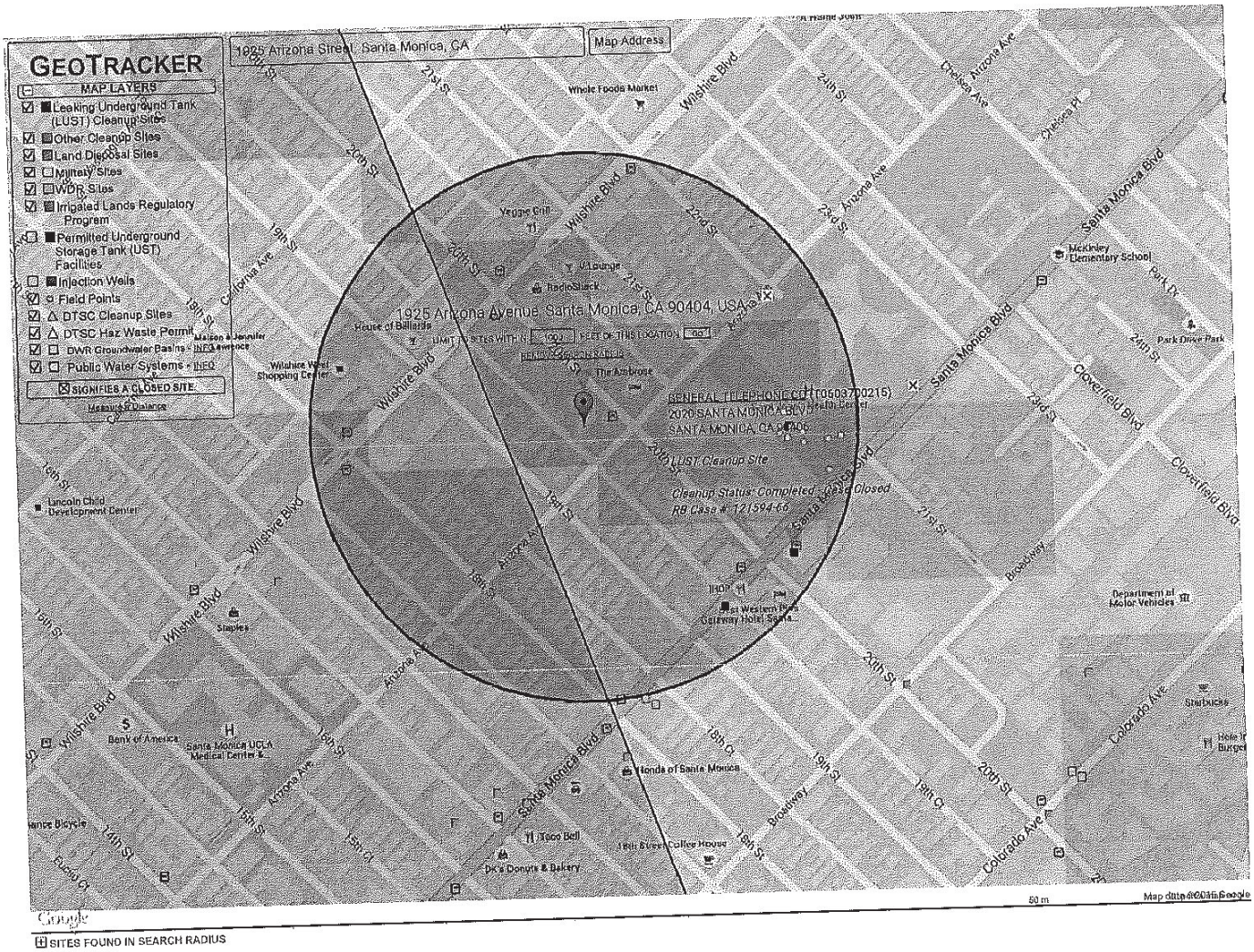
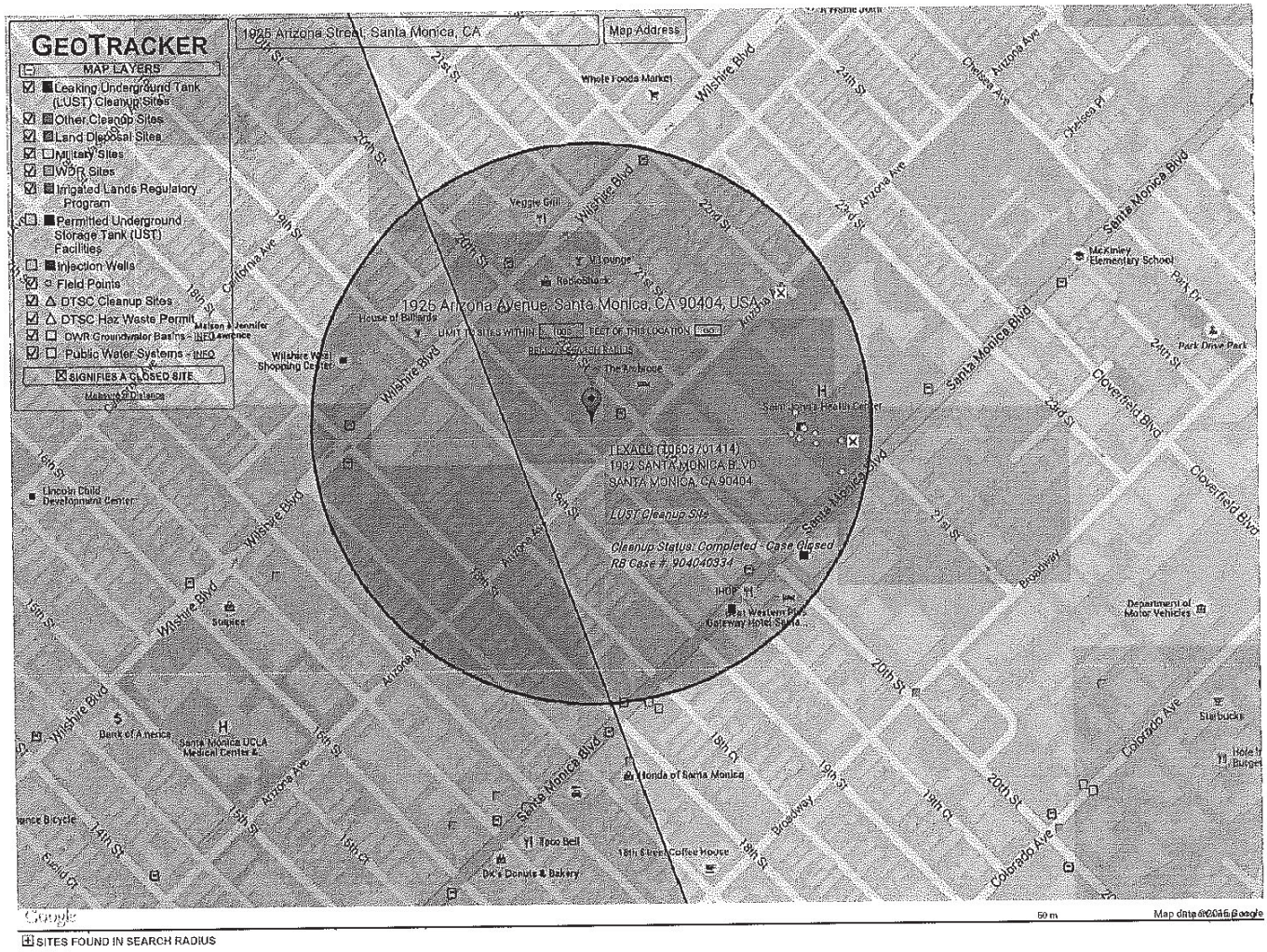
APPENDIX C

AGENCY RECORDS FOR OFF-SITE SOURCES

GeoTracker


GEOTRACKER
MAP LAYERS
Leaking Underground Tank (LUST) Cleanup Sites
Other Cleanup Sites
Land Disposal Sites
Military Sites
WDR Sites
Irrigated Lands Regulatory Program
Permitted Underground Storage Tank (UST) Facilities
Injection Wells
Field Points
DTSC Cleanup Sites
DTSC Haz Waste Permit
DWR Groundwater Basins - INFO
Public Water Systems - INFO
SIGNIFIES A CLOSED SITE.
1925 Arizona Street, Santa Monica, CA
Map Address
1925 Arizona Avenue, Santa Monica, CA 90404, USA
GENERAL TELEPHONE CO (T0603700215)
2020 SANTA MONICA BLVD
SANTA MONICA, CA 90406
LUST Cleanup Site
Cleanup Status: Completed - Case Closed
RB Case # 121594-65
SITES FOUND IN SEARCH RADIUS



SITES FOUND IN SEARCH RADIUS

APPENDIX D

THE EDR AERIAL PHOTO DECADE PACKAGE

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.12
May 06, 2015

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography May 06, 2015

Target Property:

1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Year	*Scale*	*Details*	*Source*
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	USGS
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	USGS
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	USGS
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	USGS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	USGS
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	USGS
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	USGS
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	USGS
1983	Aerial Photograph. Scale: 1"=500'	Flight Year: 1983	USGS
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2002	Aerial Photograph. Scale: 1"=500'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP

INQUIRY #: 4285375.12
YEAR: 1928
= 500'
N
EDR

INQUIRY #: 4285375.12
YEAR: 1938
= 500'
N
EDR

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EDR

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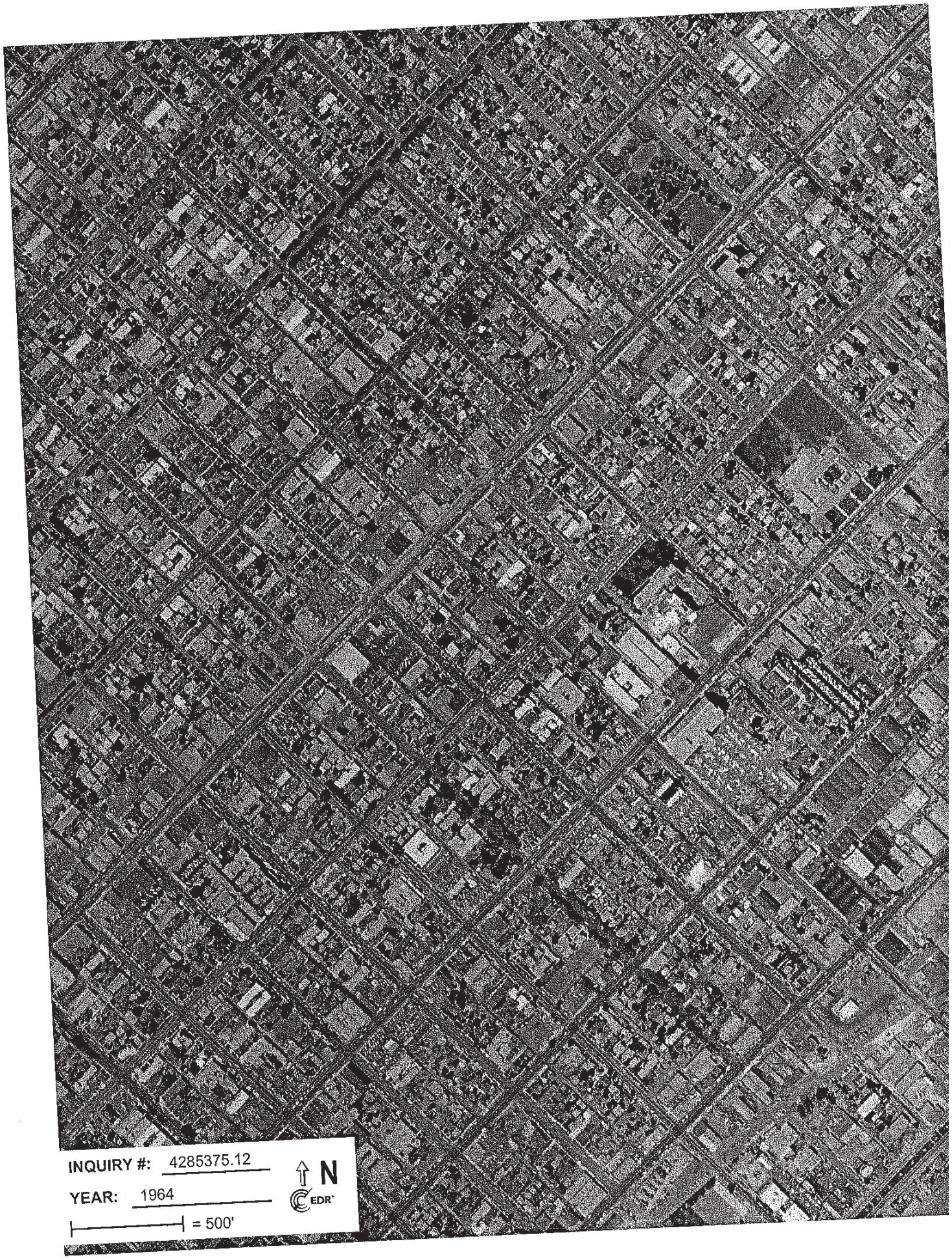
N
EDR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EDR

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EDR

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YEAR: 1972

= 500'

N

EDR

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YEAR: 1977
= 500'
N
EDR

INQUIRY #: 4285375.12

YEAR: 1983

= 500'

N

EDR

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YEAR: 1989
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N
EDR

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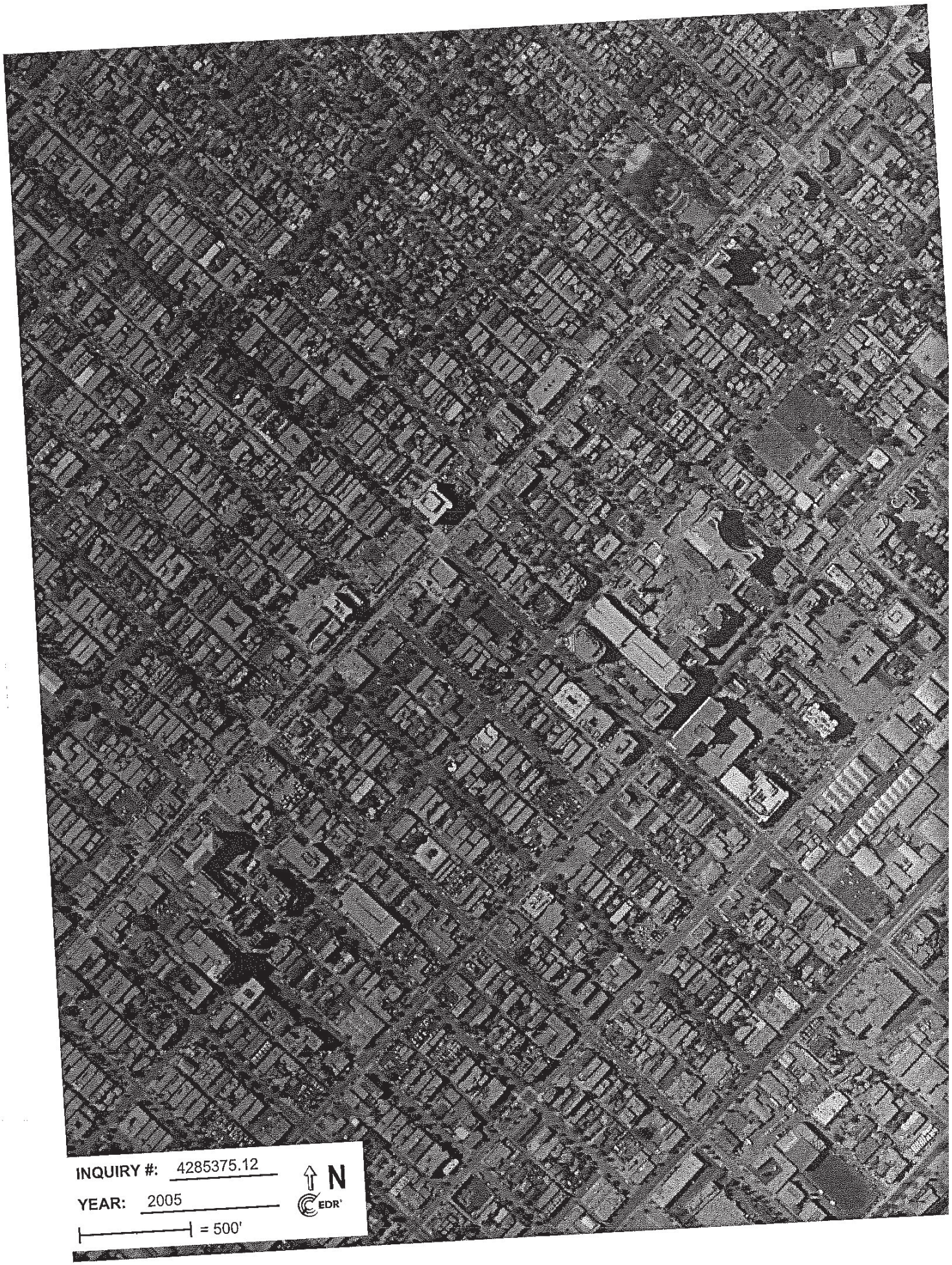
EDR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= 500'
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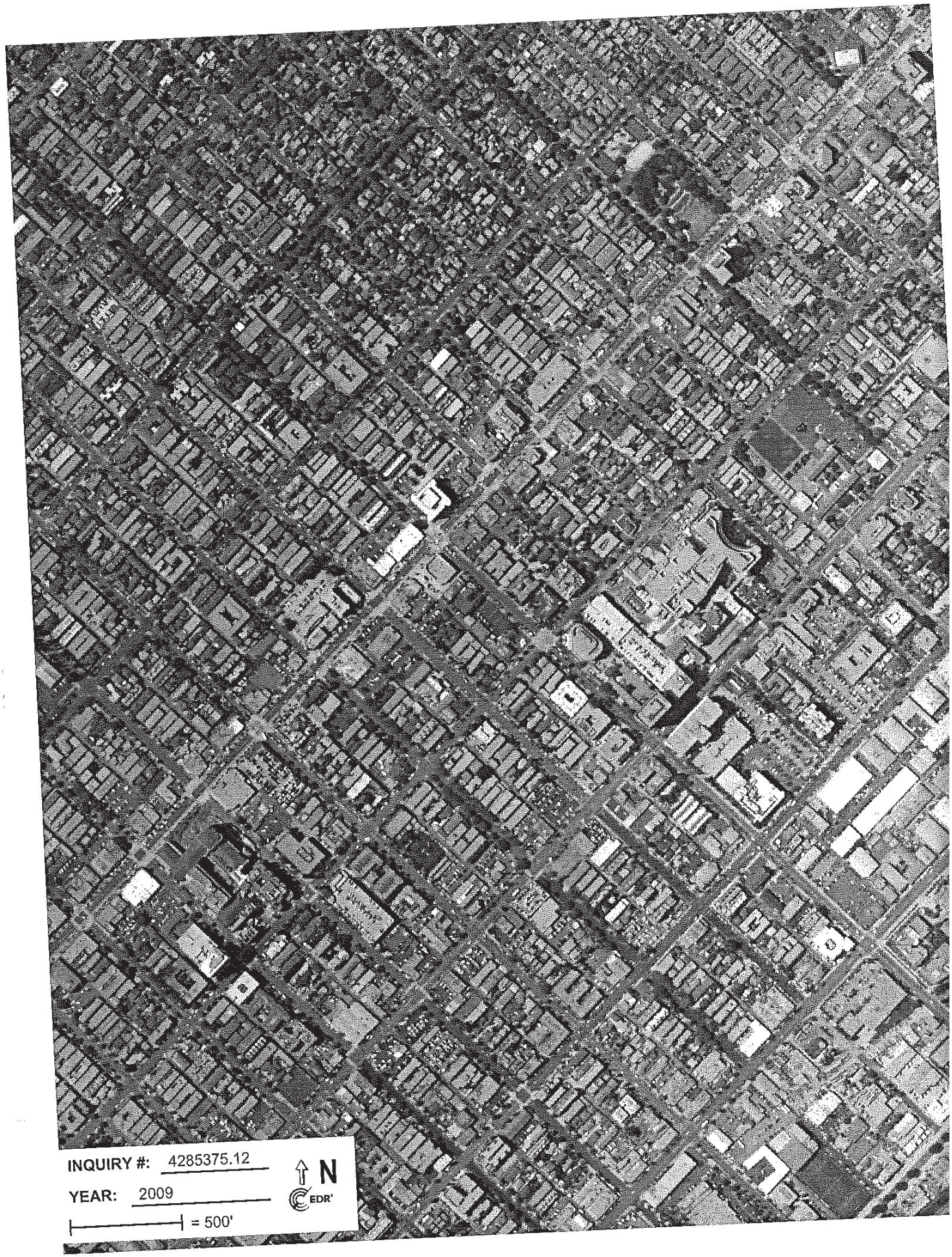
EDR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YEAR: 2009
= 500'
N
EDR

INQUIRY #: 4285375.12
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 4285375.12

YEAR: 2012

= 500'

N

EDR

APPENDIX E

THE EDR CERTIFIED SANBORN® MAP REPORT

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.3
May 06, 2015

Certified Sanborn® Map Report

6 Armstrong Road, 4th Flo
Shelton, Connecticut 0648
Toll Free: 800.352.0050
www.edrnet.com

EDR®

Certified Sanborn® Map Report

5/06/15

Site Name:
1925 Arizona St and 1242 20th
1925 Arizona St and 1242 20th
Santa Monica, CA 90404

Client Name:
Northgate Env. Management,
24411 Ridge Route Drive
Newport Beach, CA 92660

EDR Inquiry # 4285375.3

Contact: Nicky Galloway

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Northgate Env. Management, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1925 Arizona St and 1242 20th St
Address: 1925 Arizona St and 1242 20th St
City, State, Zip: Santa Monica, CA 90404
Cross Street:
P.O. # 2050.06
Project: 1925 Arizona St & 1242 20th St
Certification # FBE8-4020-AF92

Maps Provided:

1986
1965
1950
1918

Sanborn® Library search results
Certification # FBE8-4020-AF92

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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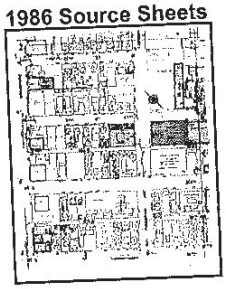
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1986 Source Sheets



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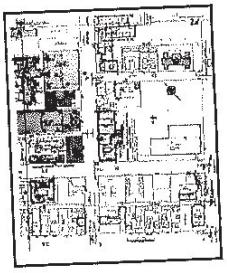

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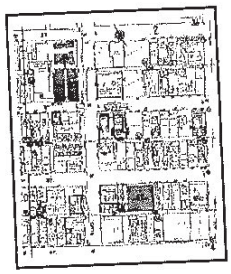
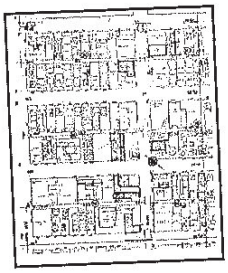
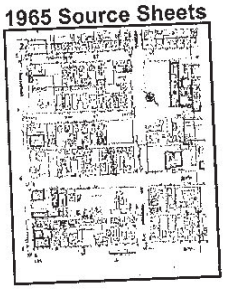


Volume 1N, Sheet 3b



Volume 1N, Sheet 4a

1965 Source Sheets



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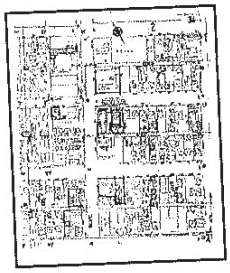

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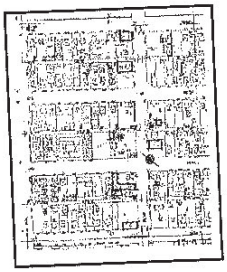

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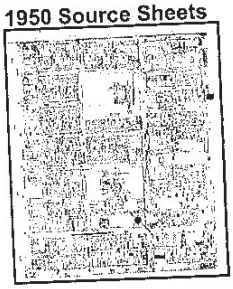
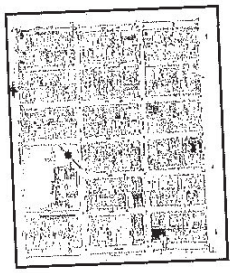
1950 Source Sheets



Volume 1, Sheet 2



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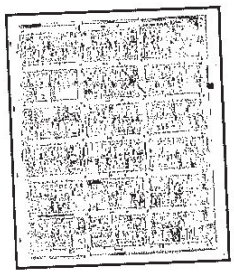
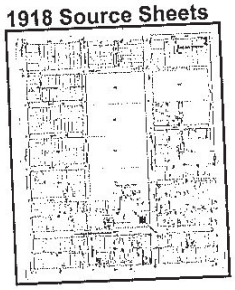


Volume 1, Sheet 4

1918 Source Sheets



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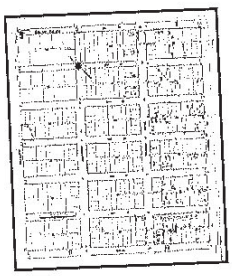
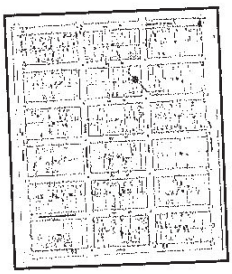


Volume 1, Sheet 3



Volume 1, Sheet 4

1986 Certified Sanborn Map

Site Name: 1925 Arizona St and 1242 20th St
Address: 1925 Arizona St and 1242 20th St
City, ST, ZIP: Santa Monica CA 90404
Client: Northgate Env. Management, Inc.
EDR Inquiry: 4285375.3
Order Date: 5/8/2015 1:03:00 PM
Certification #: FBE8-4020-AF92
Copyright: 1986

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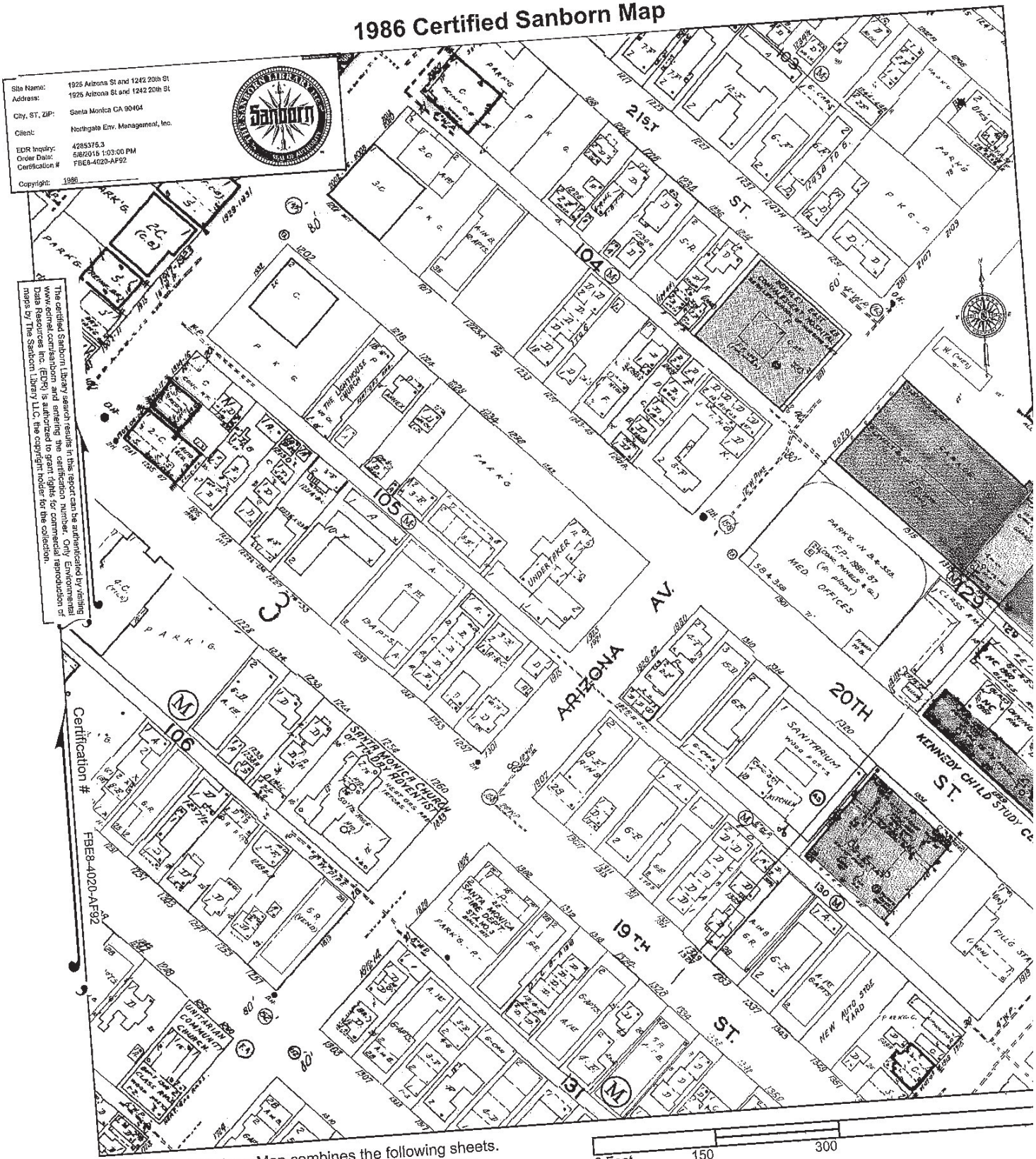
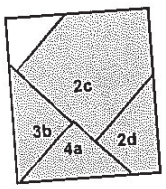
Certification # FBE8-4020-AF92



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1N, Sheet 2c
Volume 1N, Sheet 2d
Volume 1N, Sheet 3b
Volume 1N, Sheet 4a

1965 Certified Sanborn Map

Site Name: 1925 Arizona St and 1242 20th St
Address: 1925 Arizona St and 1242 20th St
City, ST, ZIP: Santa Monica CA 90404
Client: Northgate Env. Management, Inc.
EDR Inquiry: 4285375.3
Order Date: 5/6/2015 1:03:00 PM
Certification #: FBE8-4020-AF92
Copyright: 1965

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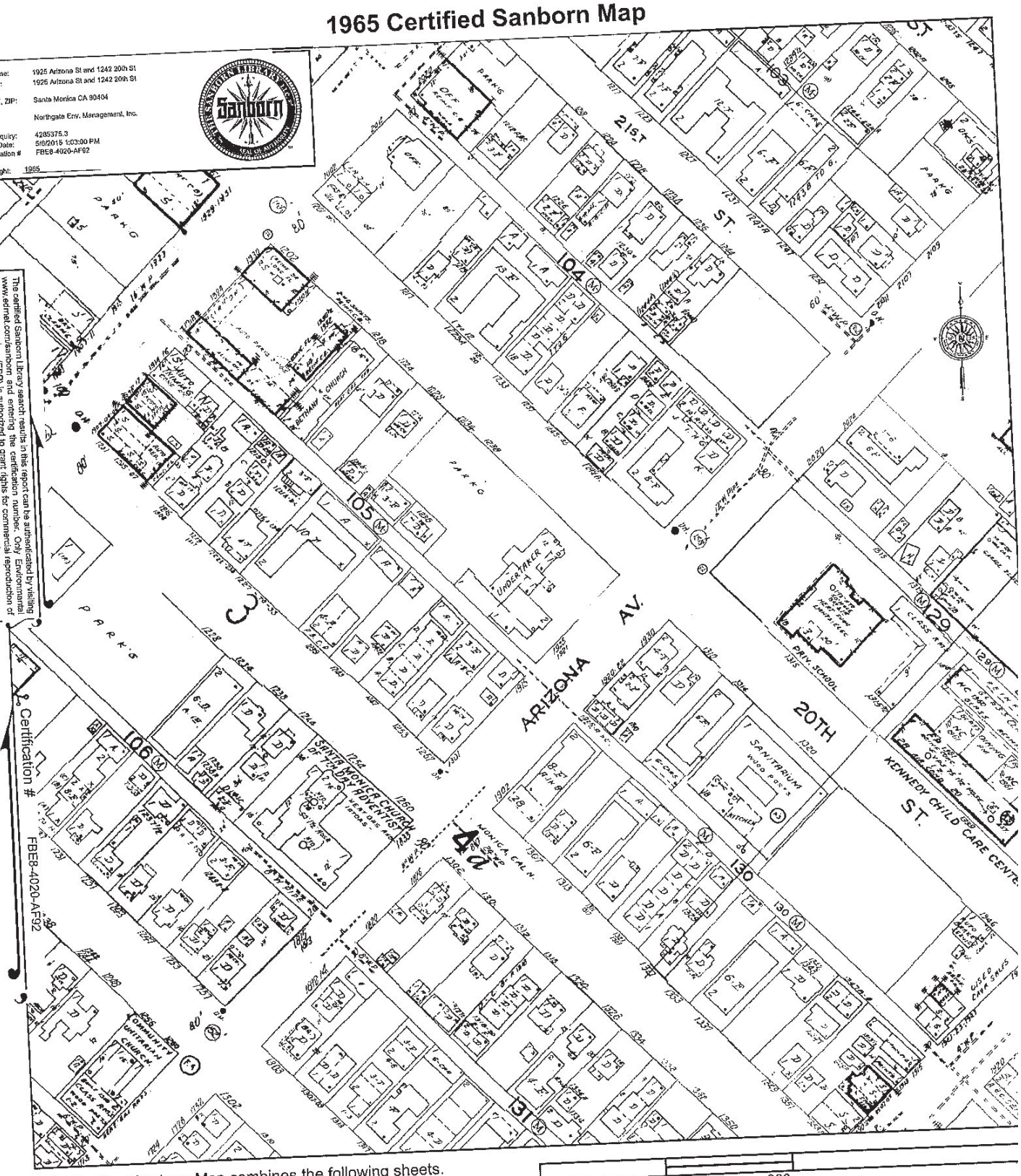
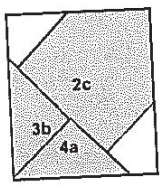
Certification # FBE8-4020-AF92



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1N, Sheet 2c
Volume 1N, Sheet 3b
Volume 1N, Sheet 4a

0 Feet 150 300

N

1950 Certified Sanborn Map

Site Name: 1926 Arizona St and 1242 20th St
Address: 1926 Arizona St and 1242 20th St
City, ST, ZIP: Santa Monica CA 90404
Client: Northgate Env. Management, Inc.
EDR Inquiry: 4285375.3
Order Date: 5/6/2015 1:03:00 PM
Certification #: FBE8-4020-AF92
Copyright: 1950

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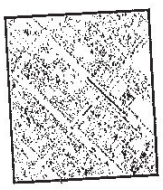
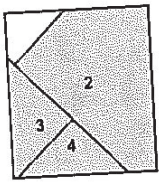
Certification # FBE8-4020-AF92

Scale 100 Ft. to One Inch.

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300





Volume 1, Sheet 2
Volume 1, Sheet 3
Volume 1, Sheet 4

1918 Certified Sanborn Map

Site Name: 1925 Arizona St and 1242 20th St
Address: 1925 Arizona St and 1242 20th St
City, ST, ZIP: Santa Monica CA 90404
Client: Northgate Env. Management, Inc.
EDR Inquiry: 4285376.3
Order Date: 5/6/2016 1:03:00 PM
Certification #: FBE8-4020-AF92
Copyright: 1918

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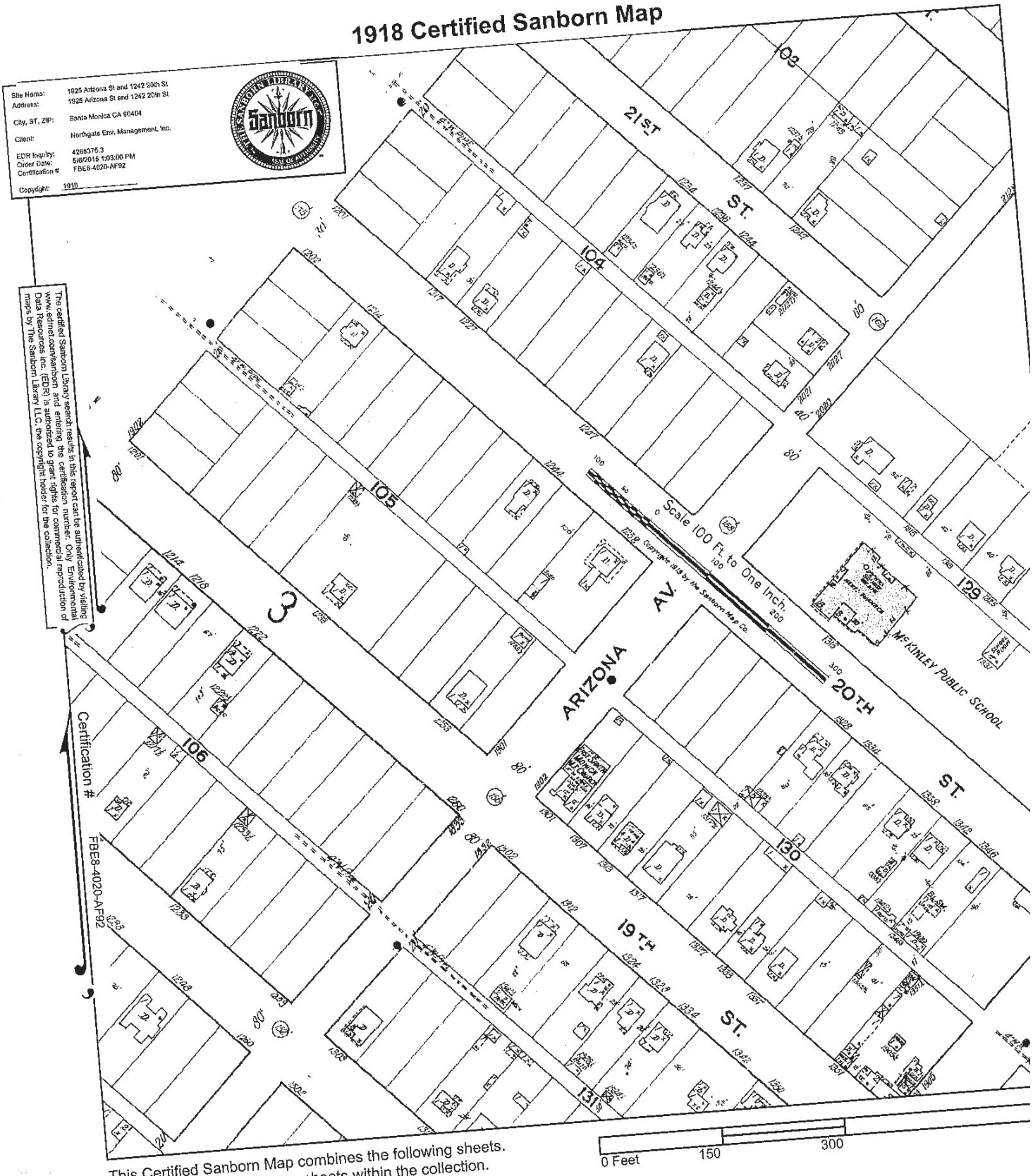
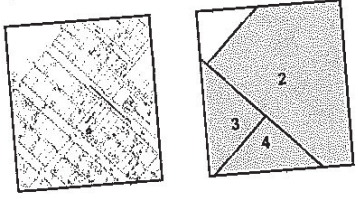


This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2
Volume 1, Sheet 3
Volume 1, Sheet 4

APPENDIX F

THE EDR HISTORICAL TOPOGRAPHIC MAP REPORT

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.4
May 06, 2015

EDR Historical Topographic Map Report

6 Armstrong Road, 4th
Shelton, Connecticut 0
Toll Free: 800.352.00
www.edrnet.com

EDR®

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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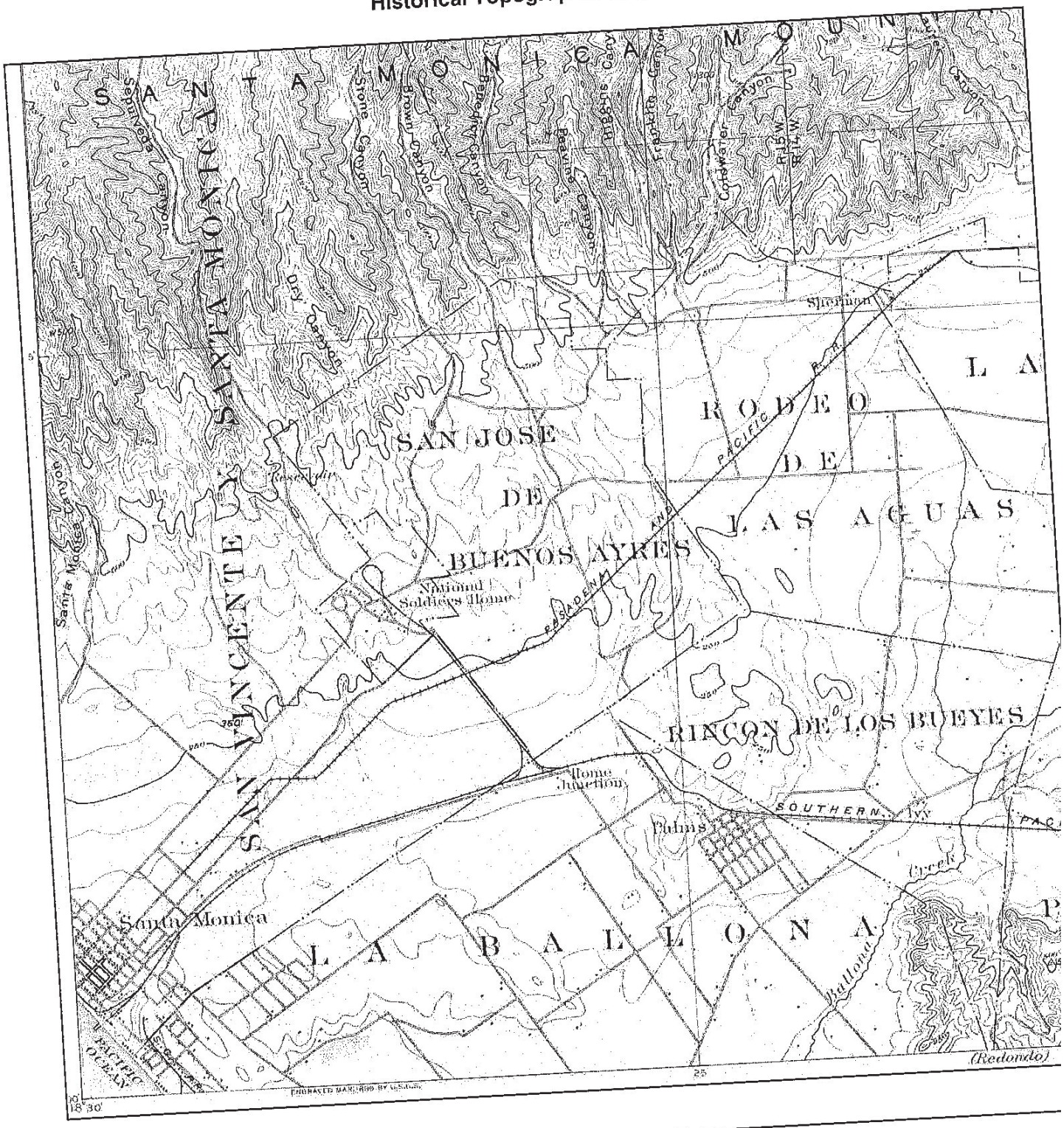
Historical Topographic Map



N	TARGET QUAD NAME: SANTA MONICA MAP YEAR: 1896 SERIES: 15 SCALE: 1:62500	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Manageme Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

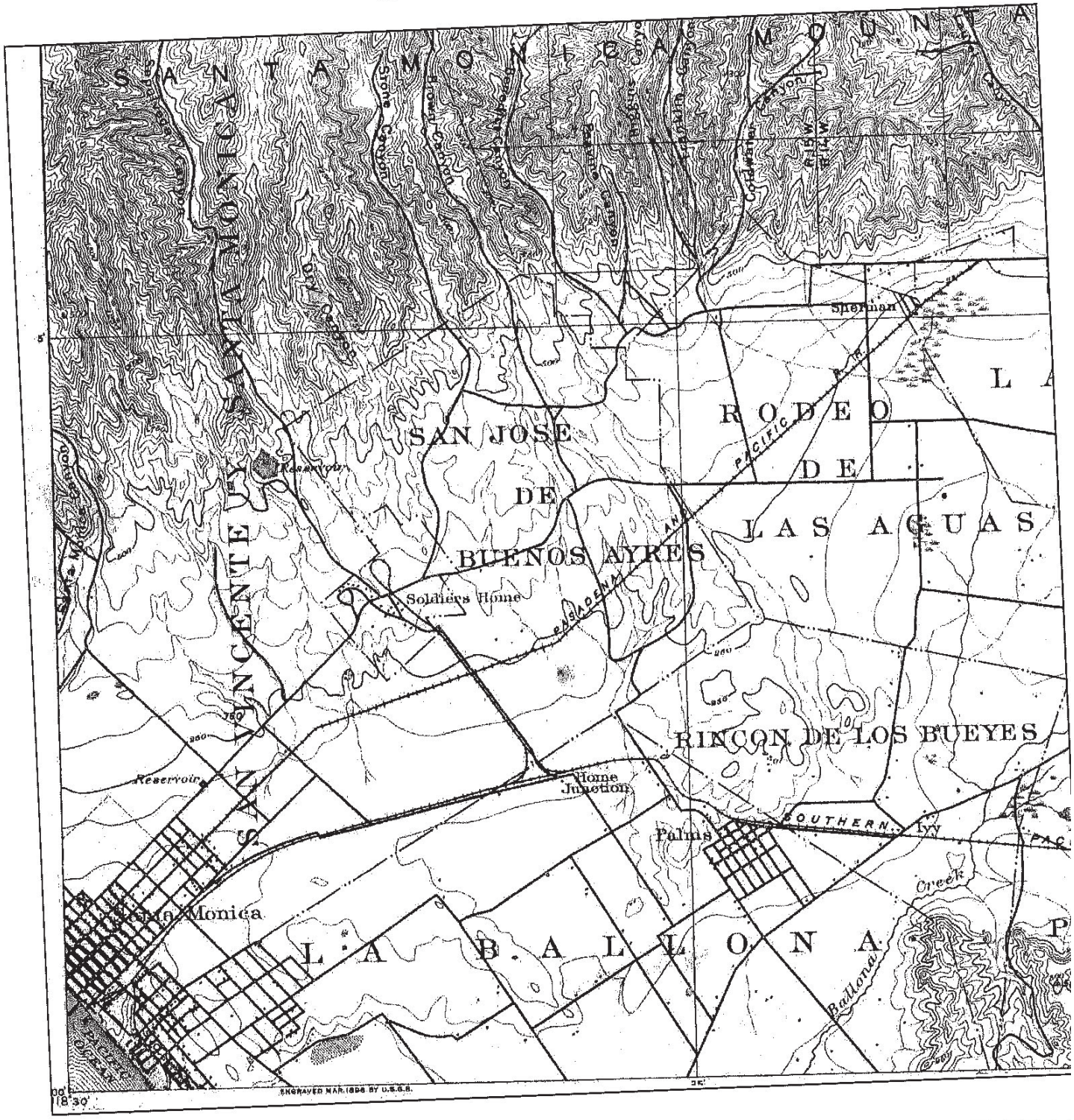
Historical Topographic Map

N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Managem Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

Historical Topographic Map

SAN FERNANDO
TUJUNGA
Burbank
GLENDALE
LOS ANGELES
Hollywood
Sherman
LA BREA
RODEO DE LAS AGUAS
Soldiers Home
LAS VIRGENES
RINCON DE LOS BUEYES
LA BALLONA
PASO DE LA TIJERA
Santa Monica
Inglewood
Hyde Park
Centinela
Green Meadows
Ballona
SAUSAL
Wiseburn
REDONDO
Arena
Redondo
Rosecrans
Strawberry
Dominguez
Belvidere
Walteria
SAN PEDRO
CERRITOS
Bixby
LOS COYOTES
Norwalk
Downey
SANTA GERTRUDES
Whittier
Los Nietos
Vinyard
Florence
Slauson
Maplewood
Manhattan
Laguna
POTRERO GRANDE
LA MERCED
EL PASO DE HARTELO
SAN FRANCISQUITO
Ramona
Alhambra
East Los Angeles
Tropico
Glendale
La Crescenta
La Canada
Pasadena
SAN RAFAEL
EL SUAL
SANTA ANITA
Sierra Madre
Monrovia
Duarte
Azusa
Covina
Puente
Whittier
Fullerton
Anaheim
Orange
Santa Ana
Tustin
Irvine
Newport
Huntington Beach
Seal Beach
Long Beach
Compton
Gardena
Torrance
Lomita
Palos Verdes
Malaga Cove
Point Vicente
Portuguese Bend
Rancho Palos Verdes
Los Angeles River
San Gabriel River
Santa Ana River
Coyote Creek
Ballona Creek
Malibu Creek
Topanga Canyon
Santa Monica Mts
San Fernando Valley
Verdugo Mts
San Gabriel Mts
Mt. Wilson
Mt. Lowe
Sunnyside
Howard Summit
Westminster
Ivanhoe
Studebaker
Carmenita
La Mirada
Buena Park
Artesia
Cerritos
Bolsa Chica
Sunset Beach
Alamitos Bay
Belmont Shore
Naples
Rancho Los Alamitos
Rancho Los Cerritos
Rancho Los Coyotes
Rancho Los Nietos
Rancho La Habra
Rancho La Puente
Rancho San Pedro
Rancho Santa Gertrudes
Rancho Santa Ana
Rancho Santiago de Santa Ana
Rancho Las Bolsas
Rancho Las Virgenes
Rancho Boca de la Playa
Rancho Cienega de los Palos
Rancho Cienega Amarilla
Rancho Cienega de las Flores
Rancho Aguaje de la Centinela
Rancho Aguaje de la Centinela
Rancho Sausal Redondo
Rancho Tajauta
Rancho Tajauta
Rancho Tajauta

Historical Topographic Map



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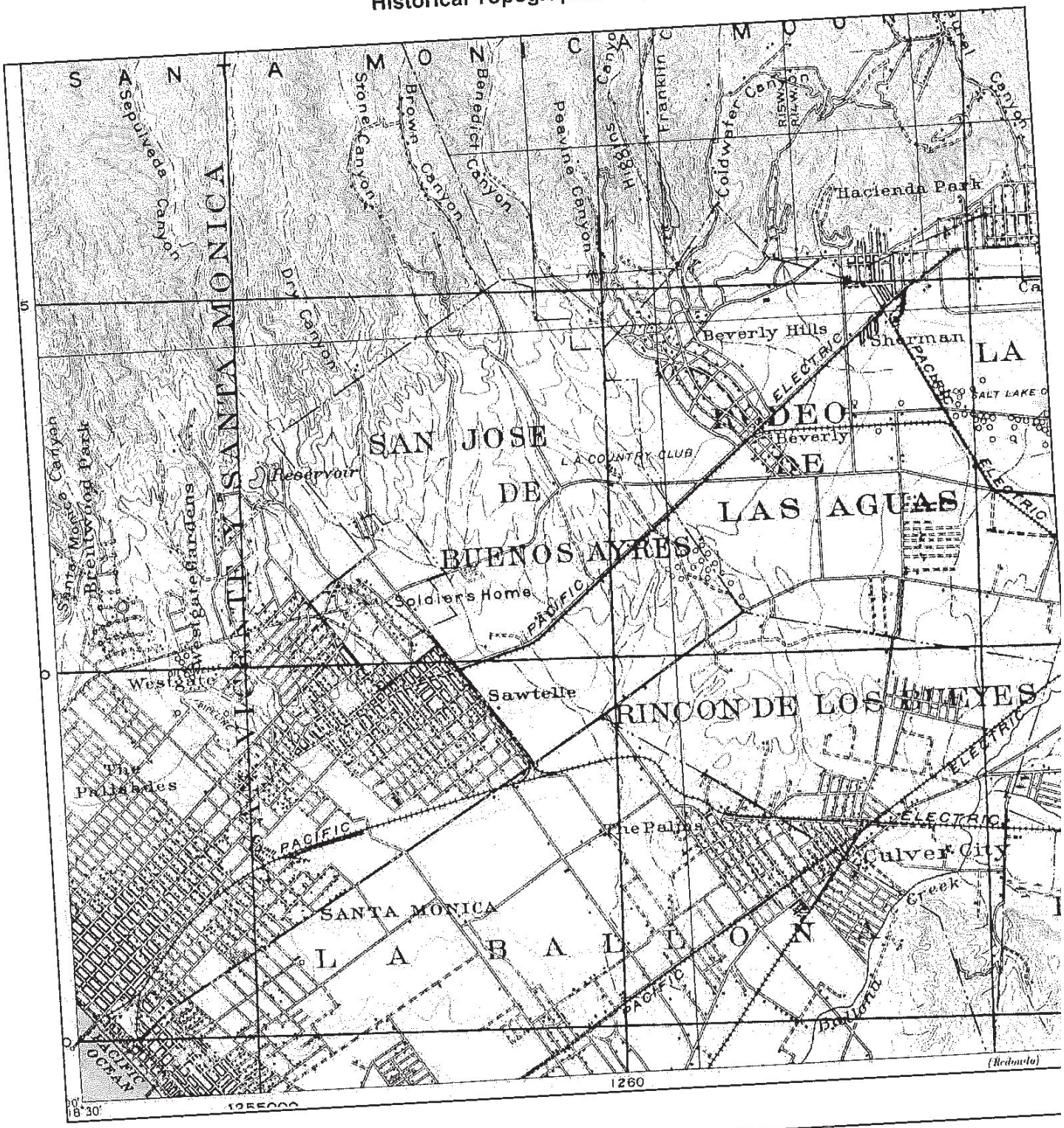
Historical Topographic Map



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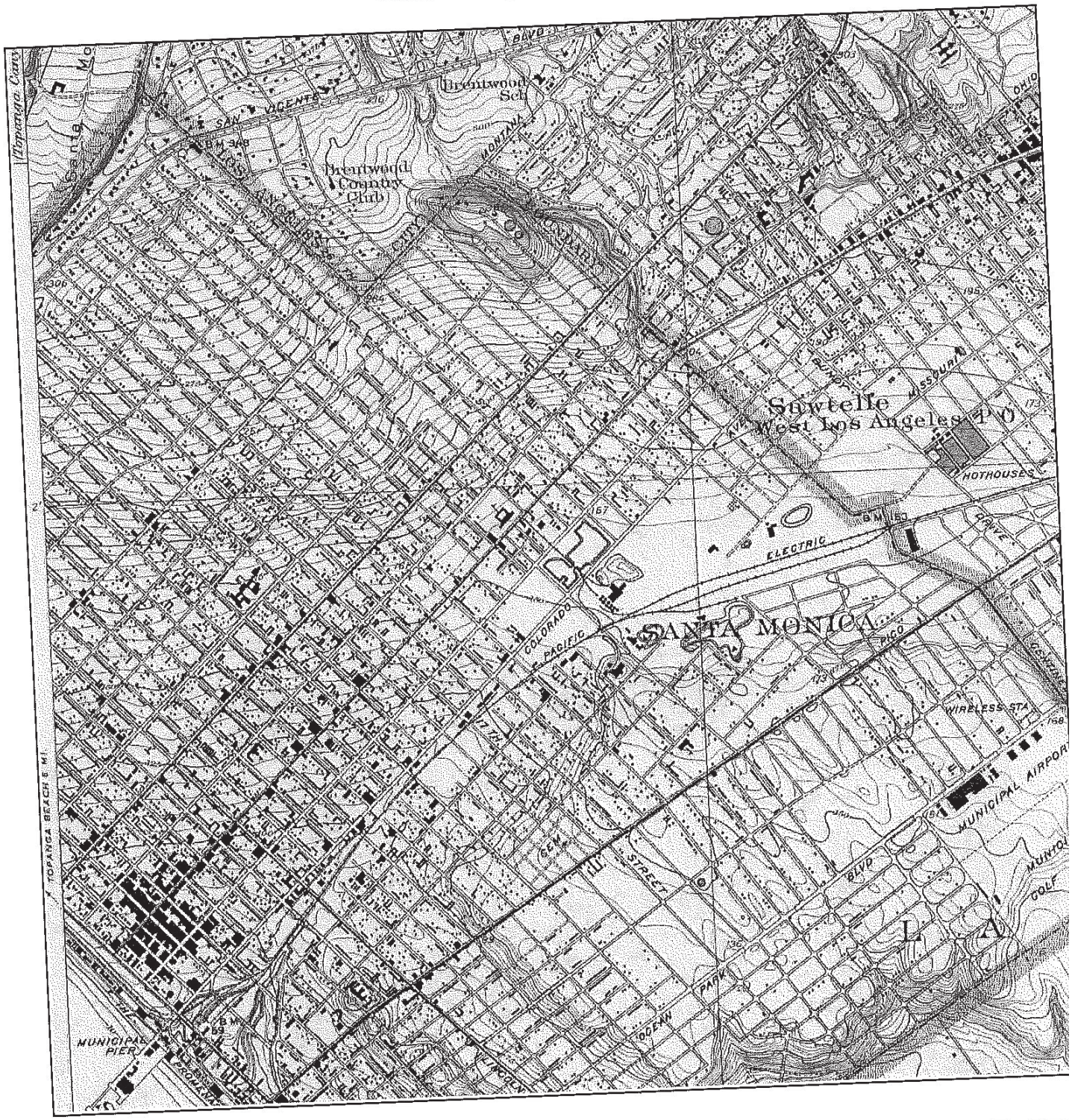
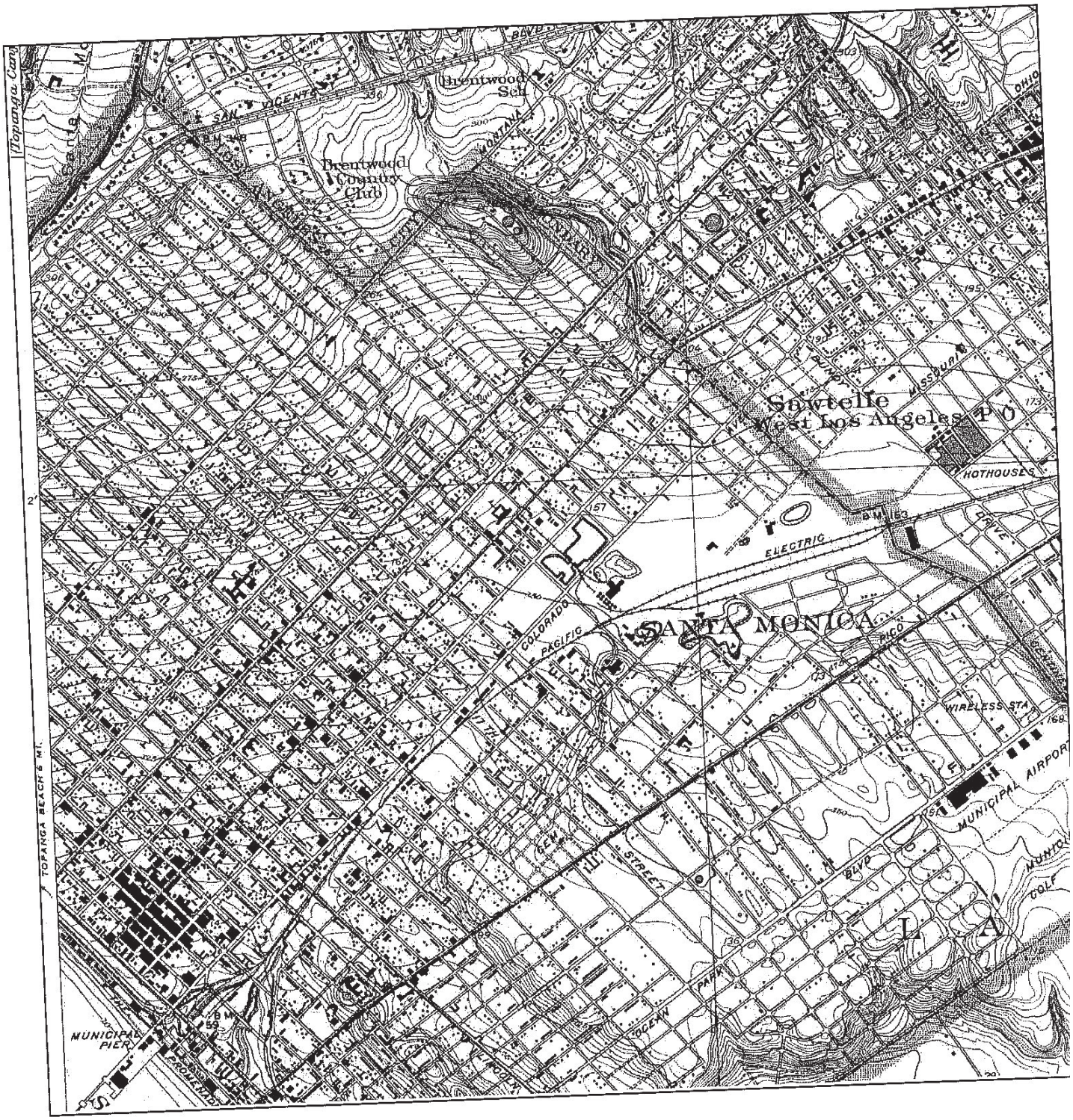
Historical Topographic Map



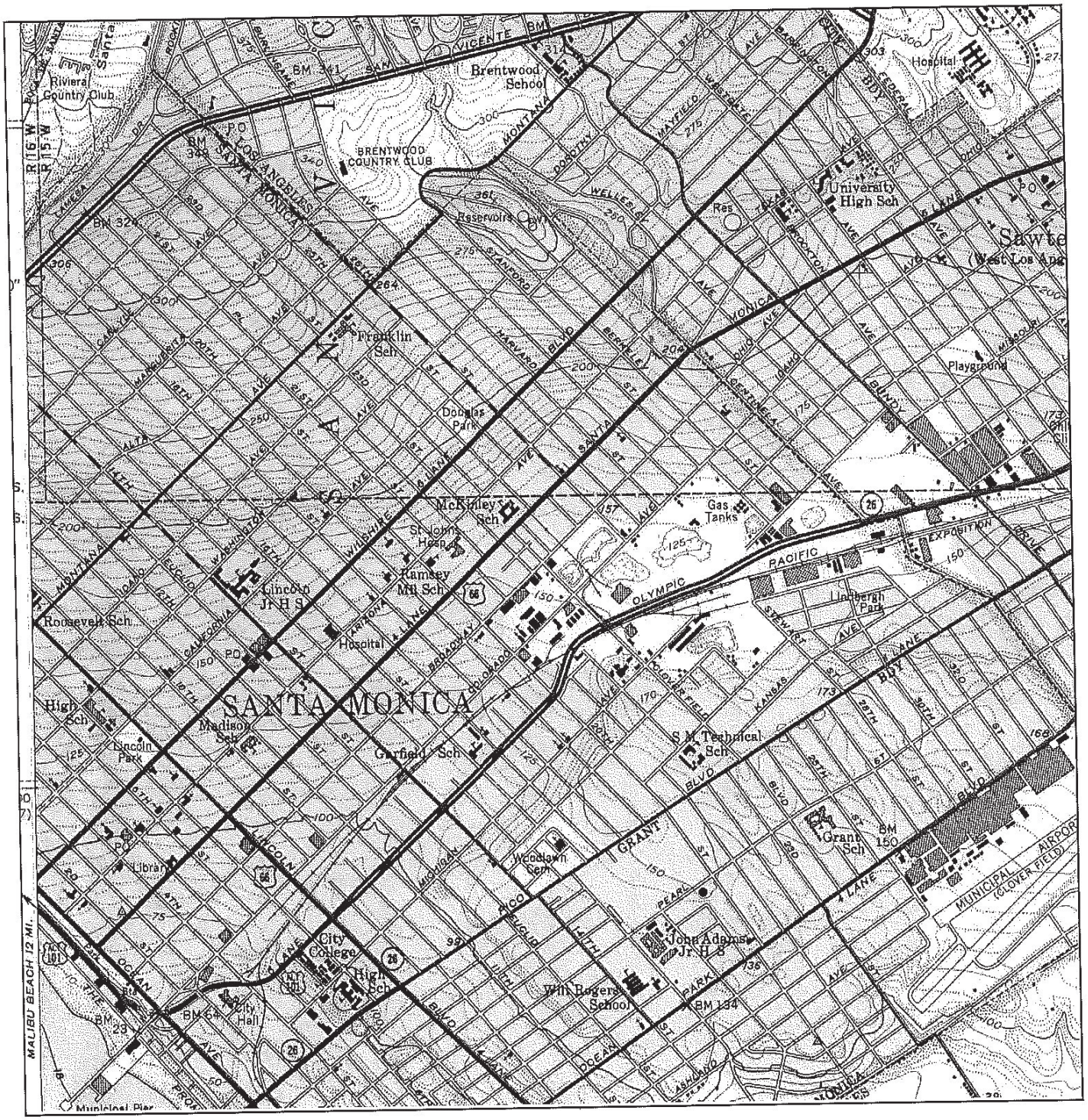
N	TARGET QUAD NAME: BEVERLY HILLS MAP YEAR: 1934 SERIES: 6 SCALE: 1:24000	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Management Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

Historical Topographic Map



N	TARGET QUAD NAME: SAWTELLE MAP YEAR: 1934 SERIES: 6 SCALE: 1:24000	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Management, Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

Historical Topographic Map



N	TARGET QUAD NAME: BEVERLY HILLS MAP YEAR: 1950 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Management, Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

Historical Topographic Map

N	TARGET QUAD NAME: BEVERLY HILLS MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1925 Arizona St and 1242 20th St ADDRESS: 1925 Arizona St and 1242 20th St Santa Monica, CA 90404 LAT/LONG: 34.03 / -118.4822	CLIENT: Northgate Env. Management, Inc. CONTACT: Nicky Galloway INQUIRY#: 4285375.4 RESEARCH DATE: 05/06/2015

1925 Arizona St and 1242 20th St
1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

Inquiry Number: 4285375.5
May 06, 2015

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Co., Inc.	-	X	X	-
	Haines Co., Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	X	X	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	GTE	-	X	X	-
	GTE	X	X	X	-
	Pacific Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1975	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	X	X	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	X	X	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	X	X	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	X	X	-
	Western Directory Co.	-	X	X	-
1939	Los Angeles Directory Co.	-	X	X	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	X	X	-
1935	Los Angeles Directory Co.	-	X	X	-
1934	Los Angeles Directory Co.	-	X	X	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	X	X	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1928	Los Angeles Directory Co.	-	X	X	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
1242 20th Street	Client Entered	X
2121 Santa Monica	Client Entered	
1255 20th Street	Client Entered	X
1224 20th Street	Client Entered	X
1239 19th Street	Client Entered	X
1253 19th Street	Client Entered	X
1223 20th Street	Client Entered	X
1932 Wilshire Boulevard	Client Entered	X
2021 Arizona Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1925 Arizona St and 1242 20th St
Santa Monica, CA 90404

FINDINGS DETAIL

Target Property research detail.

20TH ST

1242 20TH ST

Year	Uses	Source
2006	F LEISENT D	Haines Co., Inc.
	G NEANDERMark C	Haines Co., Inc.
1991	Leisen TD	Pacific Bell
	LEISENTD	Pacific Bell
1985	FRANKE ROBT	Pacific Bell
	LEISEN T D	Pacific Bell
	WOODS A C	Pacific Bell
1980	Correll Brad	Pacific Telephone
	Leisen T O	Pacific Telephone
	Van Vliet G	Pacific Telephone
1975	BJORNSON VERNE H	Pacific Telephone
	DOUGLASS G F	Pacific Telephone
	LAMBERT J	Pacific Telephone
	NINNEMAN V	Pacific Telephone
1970	BJORNSON CLARENCE B	Pacific Telephone
	BJORNSON VERNE MRS	Pacific Telephone
	DOUGLASS G F	Pacific Telephone
	FLENNER FREDRIC	Pacific Telephone
	LAMBERT J	Pacific Telephone
	MORGAN HAZEL VISION TRAINING STUDIO	Pacific Telephone

20th Street

1242 20th Street

Year	Uses	Source
2006	F LEISENT D	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	G NEANDERMark C	Haines Co., Inc.
1991	Leisen TD	Pacific Bell
	LEISENTD	Pacific Bell
1985	FRANKE ROBT	Pacific Bell
	LEISEN T D	Pacific Bell
	WOODS A C	Pacific Bell
1980	Correll Brad	Pacific Telephone
	Leisen T O	Pacific Telephone
	Van Vliet G	Pacific Telephone
1975	BJORNSON VERNE H	Pacific Telephone
	DOUGLASS G F	Pacific Telephone
	LAMBERT J	Pacific Telephone
	NINNEMAN V	Pacific Telephone
1970	BJORNSON CLARENCE B	Pacific Telephone
	BJORNSON VERNE MRS	Pacific Telephone
	DOUGLASS G F	Pacific Telephone
	FLENNER FREDRIC	Pacific Telephone
	LAMBERT J	Pacific Telephone
	MORGAN HAZEL VISION TRAINING STUDIO	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

189TH ST

1326 189TH ST

Year	Uses	Source
1964	ANTONIC JOHN SAN PEDRO	Pacific Telephone

18TH

1232A 18TH

Year	Uses	Source
1940	SPARKE HERBT	Los Angeles Directory Co.

1232B 18TH

Year	Uses	Source
1940	LODER L A	Los Angeles Directory Co.

1232C 18TH

Year	Uses	Source
1940	PAGE Z K	Los Angeles Directory Co.

1232D 18TH

Year	Uses	Source
1940	ORRZADT HENRY	Los Angeles Directory Co.

1233 18TH

Year	Uses	Source
1940	WHITE HARVEY	Los Angeles Directory Co.
1928	KETTEN F A	Los Angeles Directory Co.

1234 18TH

Year	Uses	Source
1940	COOLIDGE EDWIN	Los Angeles Directory Co.
1928	KNIEF F C	Los Angeles Directory Co.

1234A 18TH

Year	Uses	Source
1928	HERN ESTHER MRS	Los Angeles Directory Co.

FINDINGS

1234B 18TH

Year	Uses	Source
1928	VACANT	Los Angeles Directory Co.

1234C 18TH

Year	Uses	Source
1928	THOMAS M W	Los Angeles Directory Co.

1234D 18TH

Year	Uses	Source
1928	YACANT	Los Angeles Directory Co.

1237 18TH

Year	Uses	Source
1940	HARGADINE CARRIE MRS	Los Angeles Directory Co.
1928	LOPEZ MICHL	Los Angeles Directory Co.

1238 18TH

Year	Uses	Source
1940	WEBB 3B W	Los Angeles Directory Co.
1928	WHITNEY J C	Los Angeles Directory Co.

1241 18TH

Year	Uses	Source
1995	BURKE KEVIN & KAREN	Pacific Bell

1243 18TH

Year	Uses	Source
1940	EVANS F JR	Los Angeles Directory Co.
1928	TORRANCE D J	Los Angeles Directory Co.
1924	Shutt N E	Los Angeles Directory Co.

1243A 18TH

Year	Uses	Source
1940	SMITH J W	Los Angeles Directory Co.

1243B 18TH

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.

FINDINGS

1244 18TH

Year	Uses	Source
1940	WHITNEY M L MRS	Los Angeles Directory Co.

1244A 18TH

Year	Uses	Source
1940	FLICK H A	Los Angeles Directory Co.

1244B 18TH

Year	Uses	Source
1940	SHERIG HAZEL	Los Angeles Directory Co.

1246 18TH

Year	Uses	Source
1995	ROWE D & A	Pacific Bell
1990	ROWE D & A	Pacific Bell

1247 18TH

Year	Uses	Source
1990	HARRIS TIM A	Pacific Bell
	CUMMINGS LAWRENCE	Pacific Bell
1940	REMILLARD H ES	Los Angeles Directory Co.
1928	FAULDS L C MRS	Los Angeles Directory Co.
1924	Morgan R F	Los Angeles Directory Co.

1248 18TH

Year	Uses	Source
1940	ALEXANDER L N MRS	Los Angeles Directory Co.
1928	SHUTT NADO MUSIC TCHR	Los Angeles Directory Co.

1252 18TH

Year	Uses	Source
1995	SOLORZANO L A	Pacific Bell

1253 18TH

Year	Uses	Source
1940	AFULLER B M MRS	Los Angeles Directory Co.
1928	FULLER M L	Los Angeles Directory Co.
1924	Fuller M L bldg contr	Los Angeles Directory Co.

FINDINGS

1257 18TH

Year	Uses	Source
1940	AVILIANI H MYE MRS	Los Angeles Directory Co.
1928	MILLIUS C S	Los Angeles Directory Co.
	TURLAND & SILVER INS	Los Angeles Directory Co.
1924	Mc Kenzie L L	Los Angeles Directory Co.

1258 18TH

Year	Uses	Source
1940	UTNITARIAN CHURCH	Los Angeles Directory Co.

1259 18TH

Year	Uses	Source
1995	FLORES GUSTAVO	Pacific Bell

1267 18TH

Year	Uses	Source
1995	ZILLICH DAVID	Pacific Bell

1272 18TH

Year	Uses	Source
1995	RADINE JOHN M	Pacific Bell

1273 18TH

Year	Uses	Source
1995	RAKOCIJA V	Pacific Bell
1990	RAKOCIJA V	Pacific Bell

1278 18TH

Year	Uses	Source
1995	ROBLES BERT	Pacific Bell
1990	ROBLES BERT	Pacific Bell

1284 18TH

Year	Uses	Source
1995	SCOTTI DAVID S	Pacific Bell
1990	SCOTTL DAVID S	Pacific Bell

1292 18TH

Year	Uses	Source
1995	ASHBY ESTELLE M	Pacific Bell
1990	ASHBY ESTELLE M	Pacific Bell

FINDINGS

1293 18TH

Year	Uses	Source
1990	FARR DAVID K & DONNA	Pacific Bell

1303 18TH

Year	Uses	Source
1940	MEIER FRANK	Los Angeles Directory Co.
1928	MEIER FRANK	Los Angeles Directory Co.
1924	Lyon R J	Los Angeles Directory Co.

1307 18TH

Year	Uses	Source
1991	Simon Todd	Pacific Bell
	SIMONTODD	Pacific Bell
	Simon Vibeke & John WESTLOS ANGELES 4758340	Pacific Bell
	SIMON VERNE GENERAL CONTRACTOR MARINA DEL REY 8274132	Pacific Bell
	Simon Tse Productions POBox 691478 LOS ANGELES 8547701	Pacific Bell
1981	RACY SANTA MONICA	Pacific Telephone
1940	EIERSON TILLIE MRS	Los Angeles Directory Co.
1928	DRURY R S	Los Angeles Directory Co.

1309 18TH

Year	Uses	Source
1940	GOMEZ FRANK	Los Angeles Directory Co.
1928	DUDEVOIRE F M	Los Angeles Directory Co.

1310 18TH

Year	Uses	Source
1940	TROTTER ANDERSON	Los Angeles Directory Co.
1928	VACANT	Los Angeles Directory Co.
1924	Wendell F A	Los Angeles Directory Co.

1310A 18TH

Year	Uses	Source
1940	LEIVAS FRANK	Los Angeles Directory Co.
1928	BUSSEY G W REV	Los Angeles Directory Co.

FINDINGS

1310B 18TH

Year	Uses	Source
1940	WHITE S C MRS	Los Angeles Directory Co.
1928	WHITE ELIZ	Los Angeles Directory Co.

1311 18TH

Year	Uses	Source
1940	POST SAML	Los Angeles Directory Co.
1928	TRIMINGHAM J E	Los Angeles Directory Co.
1924	Davenport R W	Los Angeles Directory Co.

1313 18TH

Year	Uses	Source
1940	W-ALLACE E E S	Los Angeles Directory Co.

1314 18TH

Year	Uses	Source
1940	CARROLL L P	Los Angeles Directory Co.
1928	CARROLL L F	Los Angeles Directory Co.
1924	Ward C B Mrs	Los Angeles Directory Co.

1317 18TH

Year	Uses	Source
1940	DAVIES R G	Los Angeles Directory Co.
1928	DAVIES R G	Los Angeles Directory Co.
1924	Davies C G Mrs	Los Angeles Directory Co.

1318 18TH

Year	Uses	Source
1940	WALKER A T MRS	Los Angeles Directory Co.
1928	TROIKE MATILDA MRS	Los Angeles Directory Co.
1924	Vacant	Los Angeles Directory Co.

1319 18TH

Year	Uses	Source
1942	Burleson Mary S Mrs	Los Angeles Directory Co.

1323 18TH

Year	Uses	Source
1940	BOWMAN ROBT	Los Angeles Directory Co.
1928	DUGGAN J T	Los Angeles Directory Co.
1924	Scribner C C	Los Angeles Directory Co.

FINDINGS

1324 18TH

Year	Uses	Source
1995	DI MASSA JOHN L	Pacific Bell
1990	DL MASSA JOHN L	Pacific Bell

1325 18TH

Year	Uses	Source
1995	MAZZELLA PHILIP	Pacific Bell
1990	MAZZELLA PHLLLIP	Pacific Bell
	ZUCCOLA TERRY & LUISA	Pacific Bell

1326 18TH

Year	Uses	Source
1924	BRADFORD Leo porter r	Los Angeles Directory Co.

1328 18TH

Year	Uses	Source
1991	Winkes Wm M	Pacific Bell
	Winkle C&S LOS ANGELES 3983061	Pacific Bell
	Winkle B LOS ANGELES 3983858	Pacific Bell
	WINKESWMM	Pacific Bell
1985	BUMS LISA	Pacific Bell
1940	HOLMES LESLIE TURN RMS	Los Angeles Directory Co.
	WEISS F C	Los Angeles Directory Co.
1928	WEBSTER MILLIE MRS	Los Angeles Directory Co.
1924	Vacant	Los Angeles Directory Co.

1331 18TH

Year	Uses	Source
1995	LAURO JOE T	Pacific Bell
1990	LAURO JOE T	Pacific Bell
1940	MILLER HUGH	Los Angeles Directory Co.
1928	BOYD MINNIE MRS	Los Angeles Directory Co.

1332 18TH

Year	Uses	Source
1940	BAXTER G W	Los Angeles Directory Co.
1928	SUTERS G W	Los Angeles Directory Co.

FINDINGS

1333 18TH

Year	Uses	Source
1940	MERIWETHER JANE	Los Angeles Directory Co.
1928	HUTCHINSON S E MRS	Los Angeles Directory Co.

18TH AVE

1253 18TH AVE

Year	Uses	Source
1970	FULLER DOROTHY	Pacific Telephone

18TH CT

1323 18TH CT

Year	Uses	Source
1958	TOZA IVLAYME G	Pacific Telephone

18TH PL

1244 18TH PL

Year	Uses	Source
1958	WHITNEY MAE MRS	Pacific Telephone

18TH ST

1233 18TH ST

Year	Uses	Source
1933	SHERMAN GEO	Los Angeles Directory Co.

1234 18TH ST

Year	Uses	Source
1933	BROWN H P	Los Angeles Directory Co.

1234A 18TH ST

Year	Uses	Source
1933	VACANT	Los Angeles Directory Co.

1234B 18TH ST

Year	Uses	Source
1933	WILSON J A	Los Angeles Directory Co.

FINDINGS

1234C 18TH ST

Year	Uses	Source
1933	NOLIND WV P	Los Angeles Directory Co.

1237 18TH ST

Year	Uses	Source
1985	DICKSON DAVID	Pacific Bell
1933	SAMPSON H R	Los Angeles Directory Co.

1237 1/2 18TH ST

Year	Uses	Source
1970	SMITH B A FOXMITH STUDIOS	Pacific Telephone

1238 18TH ST

Year	Uses	Source
2006	HAMILTON Joseph	Haines Co., Inc.
	JASONZhen	Haines Co., Inc.
	C KINZLER David	Haines Co., Inc.
	D PETERS Bran	Haines Co., Inc.
	A SENTRY Frank	Haines Co., Inc.
	F WANG Hejing	Haines Co., Inc.
	E STEVENSONM	Haines Co., Inc.
	E STEVENSON C	Haines Co., Inc.
2000	WANG He J	Haines & Company
	THALWITZER Geo	Haines & Company
	PETERS Brian	Haines & Company
1991	GUTSCHLAGROBT	Pacific Bell
	PETERS BRIAN	Pacific Bell
	THALWITZERGEO	Pacific Bell
	WANG HE-JING	Pacific Bell
	Wang Hsing Tail 8374115	Pacific Bell
	Wang He Jing	Pacific Bell
	Thamer S	Pacific Bell
	Thalwitzer Geo	Pacific Bell
	Peters C SANTA MONICA	Pacific Bell
	Peters C LOS ANGELES 3914170	Pacific Bell
	Peters Brian	Pacific Bell
	Gutschlag Robt	Pacific Bell
1985	HAROUNIAN VICTOURIA	Pacific Bell
	PETERS BRIAN	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Thalwitzer Geo	Pacific Telephone
	Peters Brian	Pacific Telephone
	Peters C	Pacific Telephone
1965	BENNETT THOS C	Pacific Telephone
1962	BENNETT THOS C	Pacific Telephone
1958	PATTON EVAN J	Pacific Telephone
1954	Webb Emmett W EX	R. L. Polk & Co.
	WEBB ENMMETTW R	R. L. Polk & Co.
1948	Webb E W	Los Angeles Directory Co.
1933	PARKS G B	Los Angeles Directory Co.
1920	Whitney Jack	Los Angeles Directory Co.

1240 18TH ST

Year	Uses	Source
1920	A G FLATT	Los Angeles Directory Co.

1241 18TH ST

Year	Uses	Source
1985	DELL ARENA NICHOLAS	Pacific Bell
1980	DELL ARENA NICHOLAS	Pacific Telephone
1975	MARCHINS S T	Pacific Telephone
1970	MARCHINS S T	Pacific Telephone
1964	MARCHINS S T	Pacific Telephone
1960	MARCHINS S T	Pacific Telephone
1957	MARCHINS S T	Pacific Telephone
1954	MARCHINS S T R	R. L. Polk & Co.
1950	MARCHINS5T R	Pacific Telephone

1243 18TH ST

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	LYUBOVNY Mikhail	Haines & Company
1991	Gheffnezian Sirous	Pacific Bell
	Ghema Edmund L LOS ANGELES 4700506	Pacific Bell
	GHEFFNEZIANSIROUS	Pacific Bell
1985	HECK E E	Pacific Bell
	BEAM JOHN W	Pacific Bell
1980	Heck EE	Pacific Telephone
	Beam John W	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	HECK EE	Pacific Telephone
	BEAM JOHN W	Pacific Telephone
1970	SAINSBURY CHAS MRS	Pacific Telephone
	BRANDT WM F MRS	Pacific Telephone
	BEAM JOHN W	Pacific Telephone
1965	SAINSBURY CHAS MRS	Pacific Telephone
	BRANDT WM F MRS	Pacific Telephone
	BEAA JOHN W	Pacific Telephone
1962	BEAM JOHN W	Pacific Telephone
	HOLLAND IRENE E	Pacific Telephone
	THIES JOCELYN H	Pacific Telephone
1958	BEAM JOHN W	Pacific Telephone
1954	BEAM JOHN W	R. L. Polk & Co.
	Beam John W C EX	R. L. Polk & Co.
	a Goddard Maud E	R. L. Polk & Co.
	b Gifford Ella T	R. L. Polk & Co.
1948	Hall R C	Los Angeles Directory Co.
	Gobdaid Maud E	Los Angeles Directory Co.
	Gifford Ella P	Los Angeles Directory Co.
1933	TORRANCE D J	Los Angeles Directory Co.

1244 18TH ST

Year	Uses	Source
2006	D ALLEN Lawrence	Haines Co., Inc.
	BACKUS Cecilla	Haines Co., Inc.
	HAMILTON Emesti	Haines Co., Inc.
	MARTINO Glna	Haines Co., Inc.
	C PENNY Ernest	Haines Co., Inc.
	B Ri CH Lols	Haines Co., Inc.
	A RUSSELL Graham	Haines Co., Inc.
2000	HAMILTON Ernest	Haines & Company
	RUSSELL Evelyn	Haines & Company
	RUSSELL Graham	Haines & Company
1991	HAMILTON ERNEST	Pacific Bell
	MATHOVLSAAC	Pacific Bell
	RUSSELL GRAHAM & EVELYN	Pacific Bell
	Hamilton Ernest	Pacific Bell
	Mathovlsaac	Pacific Bell
	Mathov S SANTA MONICA 4533907	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Russell Graham & Evelyn	Pacific Bell
1985	HAMILTON ERNEST	Pacific Bell
	MATHON ISAAC	Pacific Bell
	MATHOV ISSAC	Pacific Bell
	MATHOVS	Pacific Bell
	RUSSELL GRAHAM & EVELYN	Pacific Bell
	WILLIAMS P & J	Pacific Bell
1980	Hamilton Ernest	Pacific Telephone
	Mathov Issac	Pacific Telephone
	Mathov N N	Pacific Telephone
	Mathov S	Pacific Telephone
	Russell Graham & Evelyn	Pacific Telephone
1970	DEVLLS CHAS	Pacific Telephone
	HOYTE BESSLE P	Pacific Telephone
1965	DEYLIN CHAS	Pacific Telephone
	MCCLAIN MARGARET	Pacific Telephone
1962	DEVLIN CHAS	Pacific Telephone
1958	DEVLIN CHAS	Pacific Telephone
1954	Whitney Mae L Mrs C EX	R. L. Polk & Co.
	a Phillips Wim	R. L. Polk & Co.
	b Devlin Chas BX	R. L. Polk & Co.
	DEVLIN CHAS	R. L. Polk & Co.
	WHITNEY MAE MRS	R. L. Polk & Co.
1948	Whitney M L Mrs	Los Angeles Directory Co.
	Hopper C D	Los Angeles Directory Co.
	Bair V E	Los Angeles Directory Co.
1933	WHITNEY M L MRS	Los Angeles Directory Co.

1244A 18TH ST

Year	Uses	Source
1965	SMITH B A FOXMITH STUDIOS	Pacific Telephone
1962	SMITH B A FOXMITH STUDIOS	Pacific Telephone
1958	SMITH B A	Pacific Telephone
1933	WARDE C W	Los Angeles Directory Co.

1244B 18TH ST

Year	Uses	Source
1933	BENADOM C M	Los Angeles Directory Co.

FINDINGS

1247 18TH ST

Year	Uses	Source
2006	SEARS Roberi W	Haines Co., Inc.
2000	SEARS Robert W	Haines & Company
1991	Sears Robt W	Pacific Bell
	SEARS ROEBUCK AND CO	Pacific Bell
	To Place	Pacific Bell
	No Charge To Calling Party	Pacific Bell
	SEARS ROEBUCK AND CO Catalog Shopping To Check On An Order	Pacific Bell
	Canoga Park Store	Pacific Bell
	SEARSROBTW	Pacific Bell
1985	SEARS ROBT W	Pacific Bell
1980	Sears Robt W	Pacific Telephone
	SEARS ROEBUCK AND CO Department Stores	Pacific Telephone
1970	SEARS ROBT W	Pacific Telephone
1965	SEARS ROBT MRS	Pacific Telephone
1962	SEARS ROBT MRS	Pacific Telephone
1958	IEARS ROBT MRS	Pacific Telephone
1954	Cummings Luke	R. L. Polk & Co.
	KAUFMAN INIS MI	R. L. Polk & Co.
1948	Sears R W	Los Angeles Directory Co.
1933	LYND SALLY	Los Angeles Directory Co.

1248 18TH ST

Year	Uses	Source
2000	SHUTT Winnifred	Haines & Company
1965	LOCKETT JAS H	Pacific Telephone
1962	MICANMNCH RUSSELI R	Pacific Telephone
1958	THUTT MURIEL TAFT MRS R	Pacific Telephone
1954	Schutt Muriel T Mrs EX	R. L. Polk & Co.
	SHUTT MURIEL TAFT MRS R	R. L. Polk & Co.
1933	STONEBURNER H J	Los Angeles Directory Co.
1920	Shutt N E	Los Angeles Directory Co.

1249 18TH ST

Year	Uses	Source
2006	CAMPi SANO H	Haines Co., Inc.
2000	RODRIGUEZ John	Haines & Company
1991	Levin Dan IS	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Levin David J WESTLOS ANGELES 8262919	Pacific Bell
	Levin David Z LOS ANGELES 4768118	Pacific Bell
	Levin David Z BEL AIR 8244774	Pacific Bell
	Levin Debbie 2756393	Pacific Bell
	Levin Deborah	Pacific Bell
	Levin Deborah Fels BEL AIR 4761375	Pacific Bell
	Levin Denise	Pacific Bell
	LEVINDANIS	Pacific Bell
1985	LEVIN DANI S	Pacific Bell
	WROBLEWSKI MICHAEL	Pacific Bell
1980	Bell Wm G	Pacific Telephone
1975	BELL WM G	Pacific Telephone
	BENNIE R	Pacific Telephone
1970	BARRETT SHEILA	Pacific Telephone
	LOCKETT JAS H	Pacific Telephone
1965	ACAMPORA ANNA	Pacific Telephone
	STOEN AL	Pacific Telephone
1958	ORKAN KENNETH D	Pacific Telephone
1954	Peseux Ernest E EX	R. L. Polk & Co.
	a Ewing David C EX	R. L. Polk & Co.
	b Lansing Louis EX	R. L. Polk & Co.
1948	Williamson L N	Los Angeles Directory Co.
	Williamson H L	Los Angeles Directory Co.
	Ford W S	Los Angeles Directory Co.
1920	A E VORKAUFER	Los Angeles Directory Co.

1249 1/2 18TH ST

Year	Uses	Source
1920	G E CRIPPEN	Los Angeles Directory Co.

1249A 18TH ST

Year	Uses	Source
1962	MILLARD REGINALD	Pacific Telephone
1954	EWING DAVID C	R. L. Polk & Co.

1249B 18TH ST

Year	Uses	Source
1962	MITCHELL WAYNE J	Pacific Telephone
1958	MILLARD REGINALD E	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	LANSING DORIS M	R. L. Polk & Co.

1250 18TH ST

Year	Uses	Source
1920	C M JONES	Los Angeles Directory Co.

1252 18TH ST

Year	Uses	Source
1975	HURLEY ELIZABETH J MRS	Pacific Telephone
1970	HURLEY ELIZABETH J MRS	Pacific Telephone
1964	HURLEY ELIZABETH J MRS	Pacific Telephone
1960	HURLEY ELIZABETH J MRS	Pacific Telephone
1957	HURLEY ELIZABETH J MRS	Pacific Telephone
1954	HURLEY A R	R. L. Polk & Co.
1950	HURLEY AR	Pacific Telephone

1253 18TH ST

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	Fuller Dorothy E	Pacific Bell
	FULLERDOROTHYE	Pacific Bell
1985	FULLER DOROTHY E	Pacific Bell
1980	Fuller Dorothy E	Pacific Telephone
	Puller E	Pacific Telephone
1975	FULLER RUTH M	Pacific Telephone
	FULLER DOROTHY	Pacific Telephone
1970	FULLER RUTH M	Pacific Telephone
1965	FULLER RUTH M	Pacific Telephone
1962	ULLER RUTH M	Pacific Telephone
1958	FULLER RUTH M R	Pacific Telephone
1954	Fuller Ruth M Mrs C EX	R. L. Polk & Co.
	FULLER RUTH MIR	R. L. Polk & Co.
1948	Fuller R M Mrs	Los Angeles Directory Co.
1933	FULLER M L	Los Angeles Directory Co.

1257 18TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1975	MIDDAY LOUIS J	Pacific Telephone

Year	Uses	Source
1970	MIDDAY LOUIS	Pacific Telephone
1965	MIDDAY LOUIS J	Pacific Telephone
1962	MIDDAY LOUIS J	Pacific Telephone
1958	MIDDAY LOUIS J	Pacific Telephone
1954	Midday Louis J EX	R. L. Polk & Co.
	MIDDAY LOUIS J	R. L. Polk & Co.
1948	Pursel C F	Los Angeles Directory Co.
1933	SAVAGE A E	Los Angeles Directory Co.

1258 18TH ST

Year	Uses	Source
1964	DAHLQUIST CLIFFORD L SAN PEDRO	Pacific Telephone
1954	Unitarian Community Church	R. L. Polk & Co.
1948	Unitarian Church	Los Angeles Directory Co.

1260 18TH ST

Year	Uses	Source
2013	UNITARIAN UNIVERSALIST COMMUNITY CHU	Cole Information Services
2008	UNITARIAN UNIVERSALISTS COMMUNITY CH	Cole Information Services
2006	CMTYCH	Haines Co., Inc.
	UNIVERSALIST	Haines Co., Inc.
	UNITARIAN	Haines Co., Inc.
2000	UNITARIAN UNVRSLST CMTY CH	Haines & Company
1991	Unitarian Community Church	Pacific Bell
	UNITARIAN COMMUNITY CHURCH	Pacific Bell
1985	UNITARIAN COMMUNITY CHURCH	Pacific Bell
1980	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
1970	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
	LEARNING MARJORIE N REV	Pacific Telephone
	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
	LEAMING MARJORIE N REV	Pacific Telephone
1965	UNITARIAN COMMUNITY CHURCH PLEDGE DRIVE	Pacific Telephone
	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
1964	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
1962	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
1960	UNITARIAN COMMUNITY CHURCH	Pacific Telephone
1958	UNITARIAN COMMUNITY CHURCH	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	MATSON HOWARD G REV	R. L. Polk & Co.
	UNITARIAN COMMUNITY CHURCH	R. L. Polk & Co.
1920	TR AUSTIN	Los Angeles Directory Co.

1267 18TH ST

Year	Uses	Source
1964	STRAPP EVERETT SAN PEDRO	Pacific Telephone

1277 18TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1985	SARMA SYAM & RATNA	Pacific Bell

1281 18TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
	X ARIZONA AV	Haines & Company

1292 18TH ST

Year	Uses	Source
1985	ASHBY ESTELLE M	Pacific Bell
1980	ASHBY ESTELLE M	Pacific Telephone
1975	ASHBY ESTELLE M	Pacific Telephone
1970	ASHBY ESTELLE M	Pacific Telephone
1964	ASHBY ESTELLE M	Pacific Telephone
1960	ASHBY ESTELLE M	Pacific Telephone
1957	ASHBY ESTELIE M	Pacific Telephone
1954	ASHHY ESTELLE M	R. L. Polk & Co.

1293 18TH ST

Year	Uses	Source
1985	LUSBY VERNE JR	Pacific Bell
1975	FARR DAVID K	Pacific Telephone
1970	COPE KATHRYN F	Pacific Telephone
1964	COPE KATHRYN F	Pacific Telephone
1960	COPE KATHRYN F	Pacific Telephone
1957	COPE KATHRYN F	Pacific Telephone
1954	COPE KATHRYN F	R. L. Polk & Co.
1950	COPE ORVILLE G COMDR R	Pacific Telephone

FINDINGS

1302 18TH ST

Year	Uses	Source
1976	MCT pool hall	Pacific Telephone

1303 18TH ST

Year	Uses	Source
2006	DOLGINEric a	Haines Co., Inc.
2000	DOLGIN Eric	Haines & Company
1980	Wimlcr Andrcw J	Pacific Telephone
1965	WIMLER ANDREW J	Pacific Telephone
1962	WIM LEO ANDREW J	Pacific Telephone
1958	WILIER ANDREW J R	Pacific Telephone
1954	Wiimler Andrew S C EX	R. L. Polk & Co.
	WIMLER ANDREW J R	R. L. Polk & Co.
1948	Wimler A J	Los Angeles Directory Co.
1920	Harding E E	Los Angeles Directory Co.

1307 18TH ST

Year	Uses	Source
2008	UBANGI MUSIC & FILM PRODUCTIONS	Cole Information Services
	COMPOND CAPITAL	Cole Information Services
	LALAS HANDCRAFTED JEWELRY	Cole Information Services
2000	MULVENNA Joseph	Haines & Company
	SPIDER Robert	Haines & Company
	CHISMHOLM Cheryl	Haines & Company
1991	Glick Mark	Pacific Bell
	MERZER GEN	Pacific Bell
	KELYT	Pacific Bell
	GLICKMARK	Pacific Bell
	Kely T	Pacific Bell
	Kely TK 8383487	Pacific Bell
	Kelly Tara L	Pacific Bell
	Kelly Tarays 9362807	Pacific Bell
	Merzer Gen	Pacific Bell
	Whelan CM	Pacific Bell
1985	SUZAWA NOBUKO	Pacific Bell
	GOLDSON JORDAN	Pacific Bell
1980	Cox Donna	Pacific Telephone
	Gurevitz Eileen	Pacific Telephone
	Hyder Jeanette	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Hyder L	Pacific Telephone
	Kiser KN	Pacific Telephone
	Michos Terry	Pacific Telephone
	Savage Mark	Pacific Telephone
1975	FISHER PHYLLIS M	Pacific Telephone
	HLARTKOPF WESLEY	Pacific Telephone
	MCCALLUM R	Pacific Telephone
	MILES THERESA M	Pacific Telephone
1970	CARROTHERS JUNE	Pacific Telephone
1965	CARROTLERS JUNE	Pacific Telephone
1962	CARROTHERS JUNE	Pacific Telephone
1958	CARROTHERS JUNE	Pacific Telephone
1954	Carrothers June Mrs C EX	R. L. Polk & Co.
	CARROTHERS JUNE R	R. L. Polk & Co.
1948	Emerson Tillie Mrs	Los Angeles Directory Co.

1309 18TH ST

Year	Uses	Source
1970	HOGAN V	Pacific Telephone
1965	EMERSON TILLIE MRS	Pacific Telephone
1962	EMIERSON TLLIE MRS	Pacific Telephone
1958	EMERSON TILLLE MRS R	Pacific Telephone
1954	Emerson Tillie Mrs EX	R. L. Polk & Co.
	EMERSON TILLIE MRS R	R. L. Polk & Co.

1310 18TH ST

Year	Uses	Source
2006	FIELD Larissa	Haines Co., Inc.
	INQUEMIke	Haines Co., Inc.
2000	DIACONESCU Eufrozina	Haines & Company
	LEM Josefina	Haines & Company
1991	Chen Yuen Ye	Pacific Bell
	tnoue Mike	Pacific Bell
	Inoue S LOS ANGELES 4787154	Pacific Bell
	Osaki Pan	Pacific Bell
	OSAKI PAN	Pacific Bell
	CHEN YUEN YE	Pacific Bell
	TNOUEMIKE	Pacific Bell
1985	OSAKI PAN	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Coughlin Giles G	Pacific Telephone
	Lehner M	Pacific Telephone
1976	Vann Billie Mrs	Pacific Telephone
1975	LEHBER MARTHA	Pacific Telephone
	COUGHLIN GILES G	Pacific Telephone
	DE HONEY R	Pacific Telephone
1970	ELLIOTT DANA	Pacific Telephone
	GAWRONSKI HELEN	Pacific Telephone
	KINNEY ALICE MARIE	Pacific Telephone
	LEWIS MARK R	Pacific Telephone
	THOMPSON ANNA	Pacific Telephone
1965	CRECIATWG	Pacific Telephone
	DAVIS LINDA	Pacific Telephone
	MCCLOUD DELORES	Pacific Telephone
	NELSON J THOR DR	Pacific Telephone
	NELSON THOR DR	Pacific Telephone
	BEDNAR JUIA E	Pacific Telephone
1958	WHITE ELIZABETH C MISS R	Pacific Telephone
	WILLIAMS MYRTLE	Pacific Telephone
1954	Brown Rosa E Mrs EX	R. L. Polk & Co.
	a White Eliz C EX	R. L. Polk & Co.
	b Bustamente Ceo S EX	R. L. Polk & Co.
	1/2 Campbell Gardinia Mrs	R. L. Polk & Co.
	WHITE ELIZABETH C MISS R	R. L. Polk & Co.
1948	Carter R J	Los Angeles Directory Co.
	George Elvin	Los Angeles Directory Co.
	Leivas F E	Los Angeles Directory Co.
	White Eliz C	Los Angeles Directory Co.

1311 18TH ST

Year	Uses	Source
1954	b Weippart Ronza	R. L. Polk & Co.
	a Wilson Edith	R. L. Polk & Co.
1948	Fligriel R S	Los Angeles Directory Co.
	Williams B D	Los Angeles Directory Co.

1311B 18TH ST

Year	Uses	Source
1958	WEIPPERT KATHRYN	Pacific Telephone

FINDINGS

1312 18TH ST

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	XXXX	Haines & Company

1313 18TH ST

Year	Uses	Source
2006	CHONGYootle	Haines Co., Inc.
	CLUETTJonathan	Haines Co., Inc.
	HOUGLANDStalde	Haines Co., Inc.
	LEDUC Keri	Haines Co., Inc.
	NGUYEN Joy	Haines Co., Inc.
	SIEGEL David	Haines Co., Inc.
2000	XXXX	Haines & Company
1985	BROWN GREG	Pacific Bell
	FURNESS GREG	Pacific Bell
	GALLIGAN JOS J & ROBIN	Pacific Bell
	LAUNDRIE MICHAEL L	Pacific Bell
	ISCHNEIDER JOHN	Pacific Bell
	SZPIKOWSKI W J	Pacific Bell
	VENEGONI LAURA	Pacific Bell
1980	Kinney John	Pacific Telephone
	Morley Dani	Pacific Telephone
	Morley David B	Pacific Telephone
	Riefstahl H	Pacific Telephone
	Szpikowski WJ	Pacific Telephone
	Tiger Hayden	Pacific Telephone
1975	MASUDA CLAYTON	Pacific Telephone
	OGATA WESLEY	Pacific Telephone
1970	BARTEK LEE JOHN	Pacific Telephone
	HANNAH WM E	Pacific Telephone
	MOORE R C	Pacific Telephone
	COBB DENLS	Pacific Telephone
1965	DOORE R C	Pacific Telephone
	YOUNG JERRY L	Pacific Telephone
	BARTEK LEON	Pacific Telephone
	HO ERIC	Pacific Telephone
	VINCENT MAE L	Pacific Telephone
	WOLFE CARL	Pacific Telephone
1958	TANAKA EDDIEI M	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	Tanaka E M EX	R. L. Polk & Co.
	TANAKA EDDIE M	R. L. Polk & Co.
1948	Wallace E E	Los Angeles Directory Co.

1314 18TH ST

Year	Uses	Source
2006	GOMEZCUEVA	Haines Co., Inc.
	Vlcente	Haines Co., Inc.
	REVOLORIO Nora	Haines Co., Inc.
	SANCHEZ Maria	Haines Co., Inc.
	Jesus	Haines Co., Inc.
2000	CUEVA Jose L	Haines & Company
	SANCHEZ Maria Jesus	Haines & Company
1980	Carroll Leonard F	Pacific Telephone
1975	CARROLL LEONARD F	Pacific Telephone
1970	CARROLL LEONARD F	Pacific Telephone
1965	CARROLL LEONARD F	Pacific Telephone
1962	CARROLL LEONARD F	Pacific Telephone
1958	CARROLL LEONARD F R	Pacific Telephone
1954	Carroll Leonard p C EX	R. L. Polk & Co.
	CARROLL LPOIARD F R	R. L. Polk & Co.
1948	Carroll L F	Los Angeles Directory Co.
	Aastrerud J O	Los Angeles Directory Co.
1920	Clarke J J	Los Angeles Directory Co.

1315 18TH ST

Year	Uses	Source
1964	BARNS CROSBY H MANHATTAN BEACH	Pacific Telephone

1317 18TH ST

Year	Uses	Source
2000	NELSON Eric	Haines & Company
	SCHWENGEL Franklin	Haines & Company
1991	FINNEN FRANCES	Pacific Bell
	LORENZVL	Pacific Bell
	Finnen Frances	Pacific Bell
	Lorenz VL	Pacific Bell
1985	PINNEN FRANCES	Pacific Bell
	LORENZ V L	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Bach Raymond S Dr	Pacific Telephone
	Finnen Frances	Pacific Telephone
	Wheeler Burton	Pacific Telephone
	Wheeler C	Pacific Telephone
1975	FOOTE TERRY	Pacific Telephone
1970	DAVIS J ALVIN	Pacific Telephone
	LOMBARDO V	Pacific Telephone
	BROWN WALTER E	Pacific Telephone
	CLOW L N1	Pacific Telephone
1965	BEEBE H E	Pacific Telephone
	BELLOMA GERALD J	Pacific Telephone
	FELLER LESLIE	Pacific Telephone
	MILLS EDW A	Pacific Telephone
	WALDMAN JOEL	Pacific Telephone
	DERRICO JOHN E	Pacific Telephone
1962	WRIGHT ROBT WEEX 5-7837	Pacific Telephone
	FELLER LESLIE	Pacific Telephone
	MILLS EDW A	Pacific Telephone
	WITTROCK MERLIN C	Pacific Telephone
1958	COCHRAN PIV F JR CAPT	Pacific Telephone
	DAVIES PAUL M	Pacific Telephone
	MILLIMAN JEROME W	Pacific Telephone
	PRICE LARRY R	Pacific Telephone
	SANDVIG EARL JR	Pacific Telephone
1954	Davies Robt G C	R. L. Polk & Co.
1948	Davies R G	Los Angeles Directory Co.
1920	Westerfeld Wm	Los Angeles Directory Co.

1317A 18TH ST

Year	Uses	Source
1958	BROWN GORDON L	Pacific Telephone

1318 18TH ST

Year	Uses	Source
2008	BLAIR CONSTRUCTION	Cole Information Services
2006	o CALDERHEADVicki	Haines Co., Inc.
	a o CALDERHEADBlair	Haines Co., Inc.
2000	TANAKA Henry J	Haines & Company
1991	Tanaka Henry J	Pacific Bell

FINDINGS

Year	Uses	Source
1991	TANAKA HENRY J	Pacific Bell
1985	TANAKA HENRY J	Pacific Bell
1980	Tanaka Henry J	Pacific Telephone
1970	TANAKA HENRY J	Pacific Telephone
1965	TANAKA HENRY J	Pacific Telephone
1962	TANAKA HENRY J	Pacific Telephone
1958	TANAKA HENRY J	Pacific Telephone
1954	Tanaka Henry J EX	R. L. Polk & Co.
	TANAKA HENRY J	R. L. Polk & Co.
1948	Cornberg Sol	Los Angeles Directory Co.
1920	Joby John	Los Angeles Directory Co.

1320 18TH ST

Year	Uses	Source
1964	ROLAND MANUEL V MANHATTAN BEACH	Pacific Telephone

1322 18TH ST

Year	Uses	Source
2006	PRATES Brian	Haines Co., Inc.
2000	KURUCZI	Haines & Company
	STUMPUS Arthur	Haines & Company
1991	Forrest Wm R	Pacific Bell
	Kurucz I	Pacific Bell
	FORRESTWMR	Pacific Bell
	KURUCZI	Pacific Bell
1985	KURUCZ I	Pacific Bell
	POTPOURRI SHOP THE ANTIQS	Pacific Bell
	STREHLE BARTON W	Pacific Bell
1980	Kurucz I	Pacific Telephone
	Potpourri Shop The antiqs	Pacific Telephone
1975	KURUCZ I	Pacific Telephone
	LITFIN GOLDA V MRS	Pacific Telephone
	PEREZ PAULA J	Pacific Telephone
1970	GLANOZAKOS HELEN	Pacific Telephone
	KURUCA ILONA	Pacific Telephone
	POTPOURRI SHOP THE ANTIQS	Pacific Telephone
1965	BANZ E	Pacific Telephone
	JONES JON B	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	MCCLELLAND JOHN	Pacific Telephone
	STUMPUS WM M	Pacific Telephone
1962	BOWERS PAMELA	Pacific Telephone
	PARLEY LEON	Pacific Telephone
	LUCAS MARGARET	Pacific Telephone
	BOEHME GRETCHEN	Pacific Telephone
	CONNORS WM F JR	Pacific Telephone
1958	WEINSTOCK LEOPOLD	Pacific Telephone
1954	CORNBERG ELENORE G	R. L. Polk & Co.
	Wilhelm Elmer	R. L. Polk & Co.

1323 18TH ST

Year	Uses	Source
2008	GREG VIE PHOTOGRAPHY	Cole Information Services
2006	B VIE Greg	Haines Co., Inc.
	A GOLDMANL	Haines Co., Inc.
	PEARLSTEIN Ellen	Haines Co., Inc.
2000	JONG Bill	Haines & Company
	VIE Greg	Haines & Company
1991	Clifford Ralph W	Pacific Bell
	Clfford Robt A VENICE 578108	Pacific Bell
	Stock Harold Wallis Mrs	Pacific Bell
	STOCK HAROLD WALLIS MRS	Pacific Bell
1985	CLIFFORD RALPH W	Pacific Bell
	STECK HAROLD WALLIS MRS	Pacific Bell
1980	Clifford Ralph W	Pacific Telephone
	Lindstrom Wm	Pacific Telephone
	Lindus	Pacific Telephone
	Steck Harold Wallis Mrs	Pacific Telephone
1975	CLIFFORD H M	Pacific Telephone
	CLIFFORD RALPH W	Pacific Telephone
	LINDSTROM WM	Pacific Telephone
1970	CLIFFORD H M	Pacific Telephone
	CLIFFORD RALH W	Pacific Telephone
	HEATON WAYNE E	Pacific Telephone
	LINDSTROM WM	Pacific Telephone
1965	CLIFFORD H M	Pacific Telephone
	CLIFFORD RALPH W	Pacific Telephone
	LINDSTROM WM	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	MOWRY W S	Pacific Telephone
	SANTA MONICA	Pacific Telephone
1962	ROZA MVAYME G	Pacific Telephone
1958	MARK HERBERT K	Pacific Telephone
1954	Roza Tony EX	R. L. Polk & Co.
	ROZA MAYME G	R. L. Polk & Co.
1948	Roza M G Mrs	Los Angeles Directory Co.
	Depew Wm	Los Angeles Directory Co.
	Roza J G	Los Angeles Directory Co.
	Miller Clark	Los Angeles Directory Co.
	Levinsky Jos	Los Angeles Directory Co.
	Helm Esther Mrs	Los Angeles Directory Co.
	Miller R L	Los Angeles Directory Co.

1324 18TH ST

Year	Uses	Source
1985	DI MASSA JOHN L	Pacific Bell
1980	DI MASSA JOHN L	Pacific Telephone
1975	DI MASSA JOHN L	Pacific Telephone
1970	DI MASSA JOHN L	Pacific Telephone
1964	DI MASSA JOHN L	Pacific Telephone
1960	DI MASSA JOHN L	Pacific Telephone
1957	DI MASSE JOHN L	Pacific Telephone
1954	DI MASSA JOHN L	R. L. Polk & Co.

1325 18TH ST

Year	Uses	Source
1980	MAZZELLA PHILLIP SAN PEDRO	Pacific Telephone
1976	Culver & Mc Neill Inc	Pacific Telephone
1960	SCOGNAMILLO RALPH SAN PEDRO	Pacific Telephone

1326 18TH ST

Year	Uses	Source
1976	Masters Artesia & Frame Corp	Pacific Telephone

1327 18TH ST

Year	Uses	Source
1976	Soodhalter Plastics Inc	Pacific Telephone

FINDINGS

1331 18TH ST

Year	Uses	Source
1985	LAURO JOE T	Pacific Bell
1975	HARSHMAN MARION	Pacific Telephone
	LAURO JOE T	Pacific Telephone
1970	LAURO JOE T	Pacific Telephone
1964	LAURO JOE T	Pacific Telephone
1960	LAURO JOE T	Pacific Telephone
1957	LAURO JOE T	Pacific Telephone

1332 18TH ST

Year	Uses	Source
1991	BEACH CHRIS	Pacific Bell
1975	JOSEPH DAVE SANTA MONICA	Pacific Telephone
1970	ELZEY BETTY J	Pacific Telephone

1332 1/2 18TH ST

Year	Uses	Source
1958	WOOD DIANE	Pacific Telephone

18TH ST E

1302 18TH ST E

Year	Uses	Source
1951	E 18th Ishihara Y K r	Pacific Telephone & Telegraph Co.

1310 18TH ST E

Year	Uses	Source
1951	E 18th Vann Billie Mrs r	Pacific Telephone & Telegraph Co.

1311 18TH ST E

Year	Uses	Source
1951	E 18th Anderson Ford r	Pacific Telephone & Telegraph Co.
	E 18th Freyncha Amanda Miss r	Pacific Telephone & Telegraph Co.

1315 18TH ST E

Year	Uses	Source
1951	E 18th Hardy Bertha r	Pacific Telephone & Telegraph Co.

1316 18TH ST E

Year	Uses	Source
1951	E 18th Glass Flora r	Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1951	E 18th Russell Wm r	Pacific Telephone & Telegraph Co.

1317 18TH ST E

Year	Uses	Source
1951	E 18th Buckner Perry Sr r	Pacific Telephone & Telegraph Co.
	E 18th Buckner Perry Jr r	Pacific Telephone & Telegraph Co.

1319 18TH ST E

Year	Uses	Source
1951	E 18th Jackson Sherman r	Pacific Telephone & Telegraph Co.

1321 18TH ST E

Year	Uses	Source
1951	E 18th Fisher Gertrude r	Pacific Telephone & Telegraph Co.

1322 18TH ST E

Year	Uses	Source
1951	E 18th Gordon Emma r	Pacific Telephone & Telegraph Co.
	E 18th Finch Eddie Lou r	Pacific Telephone & Telegraph Co.

1325 18TH ST E

Year	Uses	Source
1951	E 18th Soriano Andrew r	Pacific Telephone & Telegraph Co.

1327 18TH ST E

Year	Uses	Source
1951	E 18th Terrell Colorado r	Pacific Telephone & Telegraph Co.
	E 18th White Willie Mae r	Pacific Telephone & Telegraph Co.

1328 18TH ST E

Year	Uses	Source
1951	E 18th Baxter Geo E r	Pacific Telephone & Telegraph Co.

1329 18TH ST E

Year	Uses	Source
1951	E 18th Conict Rosie Mae r	Pacific Telephone & Telegraph Co.
	E 18th Jones Doretha r	Pacific Telephone & Telegraph Co.

FINDINGS

18TH ST W

1311 18TH ST W

Year	Uses	Source
1951	W 18th Tucker Mattie B r	Pacific Telephone & Telegraph Co.

1315 18TH ST W

Year	Uses	Source
1951	W 18th Ishibashi Harold A r	Pacific Telephone & Telegraph Co.
	W 18th Tanimoto Toshio r	Pacific Telephone & Telegraph Co.

1319 18TH ST W

Year	Uses	Source
1951	W 18th Burelson Mary E r	Pacific Telephone & Telegraph Co.
	W 18th Ahil Angelita	Pacific Telephone & Telegraph Co.

1329 18TH ST W

Year	Uses	Source
1951	W 18th Lee Ray William r	Pacific Telephone & Telegraph Co.

190TH ST

1201 190TH ST

Year	Uses	Source
1946	TRANSIENT	Western Directory Co.

1201 1/2 190TH ST

Year	Uses	Source
1946	1D X TEN EYCK	Western Directory Co.

1218 190TH ST

Year	Uses	Source
1946	* FRANK KREKOW	Western Directory Co.

1222 190TH ST

Year	Uses	Source
1946	MAXWELL SMART	Western Directory Co.

1222 1/2 190TH ST

Year	Uses	Source
1946	WM BURKETT	Western Directory Co.

FINDINGS

1228 190TH ST

Year	Uses	Source
1946	* G S WHEATON	Western Directory Co.

1229 190TH ST

Year	Uses	Source
1946	* MRS S M MERRIAM	Western Directory Co.

1229 1/2 190TH ST

Year	Uses	Source
1946	NEVILLE BAUMGARDNER	Western Directory Co.

1233 190TH ST

Year	Uses	Source
1946	0 3 SIMPSON	Western Directory Co.

1233 1/2 190TH ST

Year	Uses	Source
1946	H C ALLEN	Western Directory Co.

1300 190TH ST

Year	Uses	Source
1946	WAR ASSETS ADMMIN & CENTRAL WHSE	Western Directory Co.

1311 190TH ST

Year	Uses	Source
1946	* MRS ELIZ ALBRECHT	Western Directory Co.

1315 190TH ST

Year	Uses	Source
1946	* MRS CLARA REGAN	Western Directory Co.

1319 190TH ST

Year	Uses	Source
1946	* D R MOORE	Western Directory Co.

1320 190TH ST

Year	Uses	Source
1946	* C W DOLTON	Western Directory Co.

FINDINGS

1325 190TH ST

Year	Uses	Source
1946	3L C BURGER	Western Directory Co.

1329 190TH ST

Year	Uses	Source
1946	* F H STEINHILBER	Western Directory Co.

19TH

1192 19TH

Year	Uses	Source
1995	SMITH RONALD W	Pacific Bell
1990	SMITH RONALD W	Pacific Bell

1214 19TH

Year	Uses	Source
1928	HALL C H	Los Angeles Directory Co.
1924	Hall C H	Los Angeles Directory Co.

1218 19TH

Year	Uses	Source
1928	CROW C E	Los Angeles Directory Co.
1924	Cogley Nicholas	Los Angeles Directory Co.

1219 19TH

Year	Uses	Source
1928	SAVAGE E C	Los Angeles Directory Co.

1219B 19TH

Year	Uses	Source
1928	AIKENHEAD J B	Los Angeles Directory Co.

1219C 19TH

Year	Uses	Source
1928	SHAWVER H E	Los Angeles Directory Co.

1219D 19TH

Year	Uses	Source
1928	WIDDICOMBE JACK	Los Angeles Directory Co.

FINDINGS

1221A 19TH

Year	Uses	Source
1928	MARVIN G I	Los Angeles Directory Co.

1221B 19TH

Year	Uses	Source
1928	STOOKEY S M MRS	Los Angeles Directory Co.

1222 19TH

Year	Uses	Source
1924	Davies W T	Los Angeles Directory Co.

1223B 19TH

Year	Uses	Source
1928	WRIGHT G E	Los Angeles Directory Co.

1224 19TH

Year	Uses	Source
1928	GEORGE PETER-	Los Angeles Directory Co.
1924	Ryan John	Los Angeles Directory Co.

1226 19TH

Year	Uses	Source
1995	ZUVICH NICK	Pacific Bell
1990	ZUVICH NICK	Pacific Bell

1227 19TH

Year	Uses	Source
1995	TONSICH JOE	Pacific Bell
1990	TONSICH JOE	Pacific Bell

1228 19TH

Year	Uses	Source
1928	KENDALL V M MRS	Los Angeles Directory Co.

1234 19TH

Year	Uses	Source
1985	FRANK IRENE	Pacific Bell
1928	WILSON C H	Los Angeles Directory Co.
1924	Dodson Cora Mrs	Los Angeles Directory Co.

FINDINGS

1234 1/2 19TH

Year	Uses	Source
1928	DODSON C W MRS	Los Angeles Directory Co.

1235 19TH

Year	Uses	Source
1995	WEBER LARRY	Pacific Bell
1990	WEBER LARRY	Pacific Bell

1238 19TH

Year	Uses	Source
1985	LAMB CANDACE	Pacific Bell
1928	SPRINGER C R	Los Angeles Directory Co.
1924	Springer Clyde	Los Angeles Directory Co.

1239 19TH

Year	Uses	Source
1991	KENNEYJASJPHD	Pacific Bell
	Kenney Jas P & Carole Lynn PACIFIC PALISADES 4543432	Pacific Bell
	Kenney Jas Jph D	Pacific Bell

1239A 19TH

Year	Uses	Source
1928	VACANT	Los Angeles Directory Co.

1239B 19TH

Year	Uses	Source
1928	SHUTT V W	Los Angeles Directory Co.

1239C 19TH

Year	Uses	Source
1928	OWNBY HATTIE MRS	Los Angeles Directory Co.

1239D 19TH

Year	Uses	Source
1928	THOMAS FREDK	Los Angeles Directory Co.

1240 19TH

Year	Uses	Source
1928	KEADY A C	Los Angeles Directory Co.

FINDINGS

1244 19TH

Year	Uses	Source
1924	a Brereton H H	Los Angeles Directory Co.
	Ready A C	Los Angeles Directory Co.

1244A 19TH

Year	Uses	Source
1928	BELL ELDRIDGE	Los Angeles Directory Co.

1244C 19TH

Year	Uses	Source
1928	HAYWARD A K	Los Angeles Directory Co.

1245 19TH

Year	Uses	Source
1990	CHRISTENSEN RAY	Pacific Bell
	CHRISTENSEN R H	Pacific Bell

1253 19TH

Year	Uses	Source
1928	POWELL M L MRS	Los Angeles Directory Co.
1924	Powell C B	Los Angeles Directory Co.

1257 19TH

Year	Uses	Source
1928	VACANT	Los Angeles Directory Co.
1924	Wilson F J	Los Angeles Directory Co.

1259 19TH

Year	Uses	Source
1995	TRAINOTTI STEVEN & LAUREN MR & MRS	Pacific Bell

1272 19TH

Year	Uses	Source
1990	KARMELICH VINCENT	Pacific Bell

1273 19TH

Year	Uses	Source
1990	TOMSCO PAUL	Pacific Bell

FINDINGS

1278 19TH

Year	Uses	Source
1995	CARR SAML	Pacific Bell
1990	CARR SAML	Pacific Bell

1284 19TH

Year	Uses	Source
1995	PASHARA BRUNO	Pacific Bell
1990	PASHARA BRUNO	Pacific Bell

1285 19TH

Year	Uses	Source
1995	GLAVINIC LOUIS L	Pacific Bell
1990	GLAVINIC LOUIS L	Pacific Bell

1301 19TH

Year	Uses	Source
1924	East Santa Moni Church	Los Angeles Directory Co.

1302 19TH

Year	Uses	Source
1928	GRAHAM R A	Los Angeles Directory Co.

1302 1/2 19TH

Year	Uses	Source
1928	THEE FRED	Los Angeles Directory Co.

1304 19TH

Year	Uses	Source
1924	Vacant	Los Angeles Directory Co.

1307 19TH

Year	Uses	Source
1991	Jang Huasoo	Pacific Bell
	Jang Jinsheng LOS ANGELES 3910442	Pacific Bell
	JANGHUASOO	Pacific Bell
1928	RUSH S H	Los Angeles Directory Co.
1924	Bcarse Alma M	Los Angeles Directory Co.

1308 19TH

Year	Uses	Source
1928	MATHESON GEO	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1928	SMITH A C	Los Angeles Directory Co.
1924	Thurlough F T Mi	Los Angeles Directory Co.

1311 19TH

Year	Uses	Source
1985	HAMILTON WM	Pacific Bell

1312 19TH

Year	Uses	Source
1985	THAYER DENNIS	Pacific Bell
1924	Hall E J	Los Angeles Directory Co.

1313 19TH

Year	Uses	Source
1928	PRIDGEIRSON A T	Los Angeles Directory Co.

1317 19TH

Year	Uses	Source
1928	DOW R H	Los Angeles Directory Co.
1924	Dow R IH	Los Angeles Directory Co.

1324 19TH

Year	Uses	Source
1990	DAVIS CHUCK	Pacific Bell
1928	EDINBOROUGH E L MRS	Los Angeles Directory Co.
1924	Edinborough E L	Los Angeles Directory Co.

1325 19TH

Year	Uses	Source
1990	ALFORD ROOT H LT	Pacific Bell

1327 19TH

Year	Uses	Source
1928	MCEWIN R J	Los Angeles Directory Co.
1924	Cramer Ralph	Los Angeles Directory Co.

1328 19TH

Year	Uses	Source
1928	SHUGRUE T F	Los Angeles Directory Co.
1924	Shugrue T F	Los Angeles Directory Co.

FINDINGS

1329 19TH

Year	Uses	Source
1980	Weill Dan I P	Pacific Telephone

1330 19TH

Year	Uses	Source
1995	GRANDE M	Pacific Bell
1990	GRANDE M	Pacific Bell
1924	Vacant	Los Angeles Directory Co.

1331 19TH

Year	Uses	Source
1995	BOGDANOVICH PETAR	Pacific Bell
1990	BOGDANOVICH PETAR	Pacific Bell
1929	Ferguson RH r	Los Angeles Directory Co.

1333 19TH

Year	Uses	Source
1928	WILLERT G M	Los Angeles Directory Co.
1924	Willert JM	Los Angeles Directory Co.

1334 19TH

Year	Uses	Source
1991	Keramat Hamid	Pacific Bell
	Keramidas George	Pacific Bell
1928	VACANT	Los Angeles Directory Co.
1924	Barret J E	Los Angeles Directory Co.

1334A 19TH

Year	Uses	Source
1928	AHLGRIM JOHN	Los Angeles Directory Co.

1334B 19TH

Year	Uses	Source
1928	AHLGRIM R H	Los Angeles Directory Co.

1336 19TH

Year	Uses	Source
1995	TOMICH ANTHONY R	Pacific Bell
1990	TOMICH ANTHONY R	Pacific Bell

FINDINGS

1337 19TH

Year	Uses	Source
1995	KLEIN WILLIAM G	Pacific Bell
	REAR KLEIN MARK	Pacific Bell
1990	KLEIN WILLIAM G	Pacific Bell
	BATHTUB CLINIC THE	Pacific Bell
1928	PHILLIPS V M	Los Angeles Directory Co.
1924	Phillips V M	Los Angeles Directory Co.

1341 19TH

Year	Uses	Source
1995	KUHL KEITH	Pacific Bell
1990	KUHL KEITH	Pacific Bell

1342 19TH

Year	Uses	Source
1995	MARDESICH ANDREW	Pacific Bell
1990	MARDESICH ANDREW	Pacific Bell
1928	BALL MARY MRS	Los Angeles Directory Co.
1924	Foster W F	Los Angeles Directory Co.

1343 19TH

Year	Uses	Source
1985	DARMANIAN GEO	Pacific Bell
1928	LOVEJOY CHAS BRICK CONTR	Los Angeles Directory Co.

1346 19TH

Year	Uses	Source
1995	RESKUSIC NIKOLA	Pacific Bell
1990	RESKUSIC NIKOLA	Pacific Bell

1347 19TH

Year	Uses	Source
1995	OREB ROBERT	Pacific Bell
1990	HALLER J	Pacific Bell

1350 19TH

Year	Uses	Source
1928	PROBERT CYRIL	Los Angeles Directory Co.
1924	Erickson C J	Los Angeles Directory Co.

FINDINGS

1354 19TH

Year	Uses	Source
1928	VACANT	Los Angeles Directory Co.

1355 19TH

Year	Uses	Source
1990	VIERHEILIG E G	Pacific Bell
1935	Whitgrove L D Lt USN r	Los Angeles Directory Co.

1356 19TH

Year	Uses	Source
1995	BOZIN DAVOR	Pacific Bell
1990	BOZIN DAVOR	Pacific Bell

1358 19TH

Year	Uses	Source
1928	ERICKSON C J	Los Angeles Directory Co.

1367 19TH

Year	Uses	Source
1995	NELL THOS	Pacific Bell
1990	NELL THOS	Pacific Bell

1368 19TH

Year	Uses	Source
1990	ZARDENETA CONSTANTINO	Pacific Bell

1369 19TH

Year	Uses	Source
1929	WILLIAMS Richd Emma pntr h	Los Angeles Directory Co.

1371 19TH

Year	Uses	Source
1990	RUDAN JOHN	Pacific Bell

1372 19TH

Year	Uses	Source
1995	CRACCHIOLO SAM JR	Pacific Bell
1990	CRACCHIOLO SAM JR	Pacific Bell

FINDINGS

19TH AVE

1329 19TH AVE

Year	Uses	Source
1965	BROUILLET BERNARD	Pacific Telephone

19TH PL

1231 19TH PL

Year	Uses	Source
1962	AINESEN WM	Pacific Telephone

1245 19TH PL

Year	Uses	Source
1933	Frazee Louis R Mable slsmn Evening Herald Exp	Los Angeles Directory Co.

19TH ST

1141 19TH ST

Year	Uses	Source
2000	WEALTH CODE	Haines & Company

1184 19TH ST

Year	Uses	Source
1964	VIDOVICH NIKOLA SAN PEDRO	Pacific Telephone

1205 19TH ST

Year	Uses	Source
1954	ALIEN LOUIS W INS	R. L. Polk & Co.
	BARTON JIM INS	R. L. Polk & Co.
	Barton Jas A ins EX	R. L. Polk & Co.
	Allen Louis N ins EX	R. L. Polk & Co.
1948	Simpson E L watch mkr	Los Angeles Directory Co.

1207 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	Teds Hair Salon	Pacific Bell
	TED SHAIRSALON	Pacific Bell
1985	TED S HAIR SALON	Pacific Bell
1980	Interfab USA Inc	Pacific Telephone

FINDINGS

Year	Uses	Source
1960	KINDER ALICE V HERMOSA BEACH	Pacific Telephone
1954	Arciero John G barber	R. L. Polk & Co.
1948	Grey S B real est	Los Angeles Directory Co.

1209 19TH ST

Year	Uses	Source
1991	VAN S FOREIGN CAR GARAGE	Pacific Bell
	Vans Foreign Car Garage	Pacific Bell
	Van Foreign Car Service	Pacific Bell
	Foreign Currency Consultants Inc 4574985	Pacific Bell
	Foreign Car Service & Compliance Center	Pacific Bell
	Foreign Car Service	Pacific Bell
	FOREIGN CAR SERVICE	Pacific Bell
	FOREIGN CAR SERVICE & COMPLIANCE CENTER	Pacific Bell
	VAN FOREIGN CAR SERVICE	Pacific Bell
1985	VAN S FOREIGN CAR GARAGE	Pacific Bell
	VAN FOREIGN CAR SERVICE	Pacific Bell
1980	Vans Tennis Shoes	Pacific Telephone
	Vans Foreign Car Garage	Pacific Telephone
1965	VAN SFOREIGN CAR GARAGE	Pacific Telephone
1962	SCIENTIFIC BRAKE SERV	Pacific Telephone

1211 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company

1214 19TH ST

Year	Uses	Source
1962	TAYLOR H C	Pacific Telephone
	TAYLOR BERT	Pacific Telephone
1958	TAYLOR H C	Pacific Telephone
	TAYLOR BERT	Pacific Telephone
1954	Taylor Herbert C EX	R. L. Polk & Co.
	TAYLOR H C	R. L. Polk & Co.
	TAYLOR BERT	R. L. Polk & Co.
1948	Hagen D E	Los Angeles Directory Co.
1933	HALL C H (O)	Los Angeles Directory Co.
1920	Bearse A M	Los Angeles Directory Co.

FINDINGS

1215 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	BOLGERSARAJ	Pacific Bell
	Bolger Sara J	Pacific Bell
1985	BOLGER SARA J	Pacific Bell
1980	Bolger Sara J	Pacific Telephone
	Bortolussi Kevin	Pacific Telephone
	Lang Richard	Pacific Telephone
1975	BOLGER T	Pacific Telephone
	BORTOLUSSI KEVIN	Pacific Telephone
	MANGANO PETER	Pacific Telephone
1970	DUERR LYDIA MRS	Pacific Telephone
	SHAWVER D R	Pacific Telephone
1965	SHAWVER D R	Pacific Telephone
	SHAWVER DON	Pacific Telephone
	KANE ELIZABETH M MRS	Pacific Telephone
1962	WEAKE EILSABETH	Pacific Telephone
	SHAWVER D R	Pacific Telephone
1958	SHAWVER D R	Pacific Telephone
1954	b Davis Donald EX	R. L. Polk & Co.
	a Thalen Virgil W EX	R. L. Polk & Co.
	Shawver Rudolph D	R. L. Polk & Co.
	KELLEY STANLEY H	R. L. Polk & Co.
1948	Shawver D R	Los Angeles Directory Co.
	Thatcher R J	Los Angeles Directory Co.
	Getty H R	Los Angeles Directory Co.

1215A 19TH ST

Year	Uses	Source
1958	PATTON THOS	Pacific Telephone
1954	THOLEN VIRGILW	R. L. Polk & Co.

1215B 19TH ST

Year	Uses	Source
1962	SHAWVER DON	Pacific Telephone
1958	SHAW EVELYN	Pacific Telephone
1954	BROOKER THOS E	R. L. Polk & Co.

FINDINGS

1217 19TH ST

Year	Uses	Source
1948	Guggenmos R G	Los Angeles Directory Co.

1218 19TH ST

Year	Uses	Source
1960	RUSH THEO HERMOSA BEACH	Pacific Telephone
1958	HILDRETH ARTHUR L	Pacific Telephone
1954	Charland Gustav M EX	R. L. Polk & Co.
	CHARLAND GUSTAVE M	R. L. Polk & Co.
1948	Peveler Theresa Mrs	Los Angeles Directory Co.
1933	NAYLOR A B	Los Angeles Directory Co.
1920	Peveler J J	Los Angeles Directory Co.

1219 19TH ST

Year	Uses	Source
1985	CARISON CHRIS	Pacific Bell
1980	Anderson Ken	Pacific Telephone
	Ghali Ranya	Pacific Telephone
1975	GIDEON FRED	Pacific Telephone
	PARR S R	Pacific Telephone
1970	EICHER HELEN	Pacific Telephone
	GRANT L L	Pacific Telephone
1965	BOYD EUDA	Pacific Telephone
	CASTONGUAY ANN L	Pacific Telephone
1962	BOYD EUDA	Pacific Telephone
	CASTONGUAY ANN L	Pacific Telephone
1958	BOYD EUDA	Pacific Telephone
1954	Henderson Paul L	R. L. Polk & Co.
	a Henderson Paul L	R. L. Polk & Co.
	b Vacant	R. L. Polk & Co.
	c Barber Stell ex	R. L. Polk & Co.
	d Custer Jack W EX	R. L. Polk & Co.
	e Shawver Zuma E	R. L. Polk & Co.
	CUSTER JACK W	R. L. Polk & Co.
	BARBER STELLA W	R. L. Polk & Co.
1948	McKee J M	Los Angeles Directory Co.
	Aikenhead J B	Los Angeles Directory Co.
	Baker W K	Los Angeles Directory Co.
	Richards John	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1948	Shawver H E	Los Angeles Directory Co.

1219A 19TH ST

Year	Uses	Source
1933	FLETCHER BESSLE MRS	Los Angeles Directory Co.

1219B 19TH ST

Year	Uses	Source
1985	GHALI RANYA	Pacific Bell
1975	POLAMERO PERRY	Pacific Telephone
1958	KNIGHT W H	Pacific Telephone
1933	AIKENHEAD J B	Los Angeles Directory Co.

1219C 19TH ST

Year	Uses	Source
1933	SOENCE W R	Los Angeles Directory Co.

1219D 19TH ST

Year	Uses	Source
1933	SHAWVER H E	Los Angeles Directory Co.

1221 19TH ST

Year	Uses	Source
2000	BYATT Pamela	Haines & Company
1991	GONZALES TERESA	Pacific Bell
	ROSE SOPHIE	Pacific Bell
	Rose Sophie	Pacific Bell
	Gonzales Teresa	Pacific Bell
	Rose Sophie LCSW psychotherapy Bus	Pacific Bell
	Res	Pacific Bell
1985	MELLEIN D	Pacific Bell
	ROSE SOPHIE	Pacific Bell
1980	Connally T	Pacific Telephone
	Oschrin David	Pacific Telephone
	Rose Sophie	Pacific Telephone
	Rose Sophie MSW counsi	Pacific Telephone
1965	NODINE CLEO MRS	Pacific Telephone
	MCNEELY CALVIN	Pacific Telephone
1962	ALTORFER MYRA MRS	Pacific Telephone
1958	CLOUGH ROBT S	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	c Eshom Edith S	R. L. Polk & Co.
	b Richards Ceo ex	R. L. Polk & Co.
	a Halfyard Richd M EX	R. L. Polk & Co.
	RICHARDS GCO A	R. L. Polk & Co.
1948	Barkley C H	Los Angeles Directory Co.
	Dreyer E B	Los Angeles Directory Co.
	Fuller L W	Los Angeles Directory Co.

1221A 19TH ST

Year	Uses	Source
1958	STANLEY EW	Pacific Telephone
1954	HALFYARD RICHARD MAR VISTA	R. L. Polk & Co.
1933	WEBER A W	Los Angeles Directory Co.

1221B 19TH ST

Year	Uses	Source
1933	VACANT	Los Angeles Directory Co.

1221C 19TH ST

Year	Uses	Source
1970	MOUNT BEATRICE	Pacific Telephone
1962	HEINIY HARRIET H	Pacific Telephone

1222 19TH ST

Year	Uses	Source
1920	Soper F L	Los Angeles Directory Co.

1223 19TH ST

Year	Uses	Source
2006	BYATTP	Haines Co., Inc.
2000	BYATT P	Haines & Company
	HARMAN Amy	Haines & Company
1991	Byatt P	Pacific Bell
	BYATTP	Pacific Bell
1985	BYATTP	Pacific Bell
1980	Byatt P	Pacific Telephone
1975	BYATT P	Pacific Telephone
1965	GREY J R	Pacific Telephone
1962	NCLARAND CLARE	Pacific Telephone
1958	ACLARANCL CLARE	Pacific Telephone

Year	Uses	Source
1954	MORROW ROBT O	R. L. Polk & Co.
	a Morrow Robt EX	R. L. Polk & Co.
	b Vacant	R. L. Polk & Co.
	1/2a St Clair Marie	R. L. Polk & Co.
	1/2b Heubel Walter	R. L. Polk & Co.
1948	Kingsburg Walter	Los Angeles Directory Co.
	Claeyssens P P	Los Angeles Directory Co.
	Benbow W W	Los Angeles Directory Co.
	St Clair Marie	Los Angeles Directory Co.
	Heubel Werner	Los Angeles Directory Co.

1223 1/2 19TH ST

Year	Uses	Source
1965	CARTER EMILY L MRS	Pacific Telephone
1962	BIGGS PEARL	Pacific Telephone
1958	BIGGS PEARL	Pacific Telephone

1223A 19TH ST

Year	Uses	Source
1933	WELLS A B	Los Angeles Directory Co.

1223B 19TH ST

Year	Uses	Source
1970	BYATT P	Pacific Telephone
1933	WRIGHT G E	Los Angeles Directory Co.

1224 19TH ST

Year	Uses	Source
1962	PAPPAS DOROTHY	Pacific Telephone
1958	RINKE JUOZAS	Pacific Telephone
1954	Witter Frank EKX	R. L. Polk & Co.
	WITTER FRANK D	R. L. Polk & Co.
	a Yates Al T J	R. L. Polk & Co.
1948	Millius C S	Los Angeles Directory Co.
	Tinsley Ray	Los Angeles Directory Co.
1933	GEORGE PETER (O)	Los Angeles Directory Co.

1224A 19TH ST

Year	Uses	Source
1962	MILLIKIN GEO	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	HAGGERTY ROBT E MRS	R. L. Polk & Co.

1225 19TH ST

Year	Uses	Source
1976	Moore Ireatha	Pacific Telephone

1227 19TH ST

Year	Uses	Source
2000	HRYCENKO George	Haines & Company
1985	PIPER MAURI	Pacific Bell
1980	Meyerott S	Pacific Telephone
1965	SANDERS NAOMI	Pacific Telephone
1962	OSBOURN FRED H PASTOR	Pacific Telephone
1958	RIECLET ALLEN R	Pacific Telephone
1954	Waters Emily	R. L. Polk & Co.

1228 19TH ST

Year	Uses	Source
1958	MCDANNOLJ ROBT D	Pacific Telephone
1954	Rice Floyd R EX	R. L. Polk & Co.
	RICE FLOYD R R	R. L. Polk & Co.
1948	Rice F R	Los Angeles Directory Co.
1933	DAVIES W T	Los Angeles Directory Co.

1229 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	Sullivan Brian	Pacific Bell
	SULLIVAN BRIAN	Pacific Bell
1985	MEYEROTT NANCY	Pacific Bell
	LOVE DEBORAH	Pacific Bell
	GUERINAT PASCALE	Pacific Bell
	DAVIES THOS	Pacific Bell
1980	Love Deborah	Pacific Telephone
	Greenbaum Ronica Mrs	Pacific Telephone
	Greenbaum Richard	Pacific Telephone
	Friedman J J	Pacific Telephone
	Friedman J	Pacific Telephone
	Davies Thos	Pacific Telephone
1975	DALTON NELL	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	MACK B	Pacific Telephone
1970	BURGQRFF A F	Pacific Telephone
	SPICKER HANS L	Pacific Telephone
	SULLIVAN ARTHUR0	Pacific Telephone
1965	BURGRAFF ANNA	Pacific Telephone
	SPICKER HANS L	Pacific Telephone
	SULLIVAN ARTHUR0	Pacific Telephone
1962	SPICKER HANS L	Pacific Telephone
1958	SPICKER HANS L	Pacific Telephone
1954	SPICKER HANS L	R. L. Polk & Co.
	a Waite Mary P Mrs EX	R. L. Polk & Co.
	b Metcalf Ceo L EX	R. L. Polk & Co.
	c Heher Francis Sr EX	R. L. Polk & Co.
	d Spicker Hans L EX	R. L. Polk & Co.

1229A 19TH ST

Year	Uses	Source
1975	MORROW ROBT0	Pacific Telephone
1962	WAITS- ILMARY P	Pacific Telephone
1958	WAITE MARY P	Pacific Telephone
1954	WAITE MARY P	R. L. Polk & Co.

1229B 19TH ST

Year	Uses	Source
1970	METCALF ALENA B MRS	Pacific Telephone
1965	METCALF ALENA B MRS	Pacific Telephone
1962	METCALF ALENA B NRA	Pacific Telephone
1958	METCALF ALENA B MRS	Pacific Telephone
1954	METCALF GEAO L	R. L. Polk & Co.

1229C 19TH ST

Year	Uses	Source
1962	BOGER JEAN	Pacific Telephone
1958	BOGER JEAN	Pacific Telephone
1954	HEHER FRANCIS J	R. L. Polk & Co.

1230 19TH ST

Year	Uses	Source
1958	RICE FLOYD R	Pacific Telephone
1954	Black Millard W	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1948	Vacant	Los Angeles Directory Co.
1933	KNATVOLD NINA MRS	Los Angeles Directory Co.

1231 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	SLEDGERE	Pacific Bell
	SAVAGE RICHARD	Pacific Bell
	Savage Richard	Pacific Bell
	Sledger E	Pacific Bell
1985	SLEDGER E	Pacific Bell
1980	Cornwall Gregory	Pacific Telephone
1970	ARNESEN WM	Pacific Telephone
	RICKABAUGH VIOLA E	Pacific Telephone
1965	RICKABAUGH VIOLA E	Pacific Telephone
	ARNESEN WM	Pacific Telephone
1962	LEATHERWOOD LUCILLE H	Pacific Telephone
1958	ARNESEN WM	Pacific Telephone
1954	d Lewis Bessie EX	R. L. Polk & Co.
	c Arnesen Win E EX	R. L. Polk & Co.
	AVIS LUCILLE N	R. L. Polk & Co.
	Sears Winton	R. L. Polk & Co.
	a Jones Avon V EX	R. L. Polk & Co.
	b Davis Nat S EX	R. L. Polk & Co.
	ARNESEN WM	R. L. Polk & Co.

1231A 19TH ST

Year	Uses	Source
1958	PAUL KATHRYN	Pacific Telephone
1954	JONES AVON V	R. L. Polk & Co.

1231B 19TH ST

Year	Uses	Source
1962	GOODING ANNA B	Pacific Telephone
1958	SEWELL EDITH M	Pacific Telephone

1231D 19TH ST

Year	Uses	Source
1962	LEWIS BESSIE C	Pacific Telephone
1958	LEWIS BESSIE C	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	LEWIS BESSIEC	R. L. Polk & Co.

1233 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	MENDER D	Pacific Bell
	Mender D	Pacific Bell
1985	MENDEZ D	Pacific Bell
1980	Robinson Margaret	Pacific Telephone
	Sledger E	Pacific Telephone
1975	CARLSON ROBTT	Pacific Telephone
1965	SMITH PERRY L	Pacific Telephone
1962	MITH PENIY L	Pacific Telephone
1958	SMITH PERRY L	Pacific Telephone
1954	Smith Perry L EX	R. L. Polk & Co.
	SMITH PERRY L	R. L. Polk & Co.

1234 19TH ST

Year	Uses	Source
2006	BERGSNEV Unda	Haines Co., Inc.
	C COLIMA Lsa	Haines Co., Inc.
	HAYNESJerry	Haines Co., Inc.
	F HONEY H C	Haines Co., Inc.
	E TANISKdaitn	Haines Co., Inc.
	WAREHAM Kenneth E	Haines Co., Inc.
2000	APARTMENTS	Haines & Company
	FIELDING Thomas	Haines & Company
	HONEY H C	Haines & Company
	LEVY Josh	Haines & Company
	LOVY Anthony	Haines & Company
	WAREHAM Kenneth E	Haines & Company
	XXXX	Haines & Company
	KENNY Jas J PHD	Haines & Company
	MAHINAY John	Haines & Company
	YOUDS Pete	Haines & Company
	XXXX	Haines & Company
	HUTCHINS Dorothy	Haines & Company
	NORDBERG Thomas	Haines & Company
	UY Nena	Haines & Company

FINDINGS

Year	Uses	Source
2000	SANCTUARY CHURCH	Haines & Company
	KINCAID Anne	Haines & Company
1991	FrankIrene	Pacific Bell
	Frank J SANTA MONICA 459827	Pacific Bell
	Frank J West Los Angeles 8261847	Pacific Bell
	Frank J I	Pacific Bell
	Honey HC	Pacific Bell
	Honey Robt 4572695	Pacific Bell
	Wareham Kenneth E	Pacific Bell
	Zavac David	Pacific Bell
	Zavack Gary SANTA MONICA 3953381	Pacific Bell
	FRANKLRENE	Pacific Bell
	HONEYHC	Pacific Bell
	WAREHAM KENNETH E	Pacific Bell
	ZAVAC DAVID	Pacific Bell
1985	HONEY HC	Pacific Bell
	KRCMAR HELMUT A	Pacific Bell
1980	Frank Irene	Pacific Telephone
	Frank J I	Pacific Telephone
	Frank J I	Pacific Telephone
	Frank J	Pacific Telephone
	Frank J	Pacific Telephone
	Honey HC	Pacific Telephone
	Hony Robt	Pacific Telephone
1975	HONEYH C	Pacific Telephone
	KASSABLAN LEVON G MD	Pacific Telephone
	MOBLEY BERT	Pacific Telephone
	OLIVELRA LUIZ	Pacific Telephone
1970	GRILL LAWRENCE	Pacific Telephone
	KASSABIAN LEVON G MD	Pacific Telephone
	LAURETZ SEYMOUR	Pacific Telephone
	OLIVEIRA LUIZ	Pacific Telephone
1965	GABBARD TAYLOR P	Pacific Telephone
	GRENNY AUDRA L	Pacific Telephone
	HARRIS PEARL	Pacific Telephone
	SHERMAN ALTON B	Pacific Telephone
	SKODIS ROBT	Pacific Telephone
	SANTA MONICA	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	BARNCASTLE LEROY	Pacific Telephone
	HILL HENRY	Pacific Telephone
	KIBBY PHILIP M	Pacific Telephone
	MEUWELD MLARK	Pacific Telephone
	RATT JACK L	Pacific Telephone
	RELETZ J D	Pacific Telephone
1958	HOLBERT MILDRED	Pacific Telephone
1954	DODSON C W MRS	R. L. Polk & Co.
	Dodson Cora W Mrs EX	R. L. Polk & Co.
	1/2 Holbert Mildred D Mrs	R. L. Polk & Co.
1948	Ingwersen E P	Los Angeles Directory Co.
	Dodson C W Mrs	Los Angeles Directory Co.
1933	WILSON C H	Los Angeles Directory Co.

1234 1/2 19TH ST

Year	Uses	Source
1954	BOWMAN PAUL V R	R. L. Polk & Co.
1933	DODSON C W MRS	Los Angeles Directory Co.

1234B 19TH ST

Year	Uses	Source
1962	GEULILCH RICHARD C	Pacific Telephone

1234C 19TH ST

Year	Uses	Source
1962	GILBERT NORMAN J	Pacific Telephone

1235 19TH ST

Year	Uses	Source
1964	CHEESMAN THEO SAN PEDRO	Pacific Telephone

1238 19TH ST

Year	Uses	Source
1991	LAMB CANDACE	Pacific Bell
	LAMPERRIN	Pacific Bell
	Lamb Christopher WESTLOS ANGELES 8202838	Pacific Bell
	Lamb Carla 5785685	Pacific Bell
	Lamb Candace	Pacific Bell
	Lam Perrin	Pacific Bell

FINDINGS

Year	Uses	Source
1985	LAM PERRIN	Pacific Bell
1980	Lamb Candace	Pacific Telephone
	Lam Perrin	Pacific Telephone
1965	SPRINGER GLADYS A	Pacific Telephone
1962	MCCAAMHRIDGE PILANE C	Pacific Telephone
1958	TOON BARBARA	Pacific Telephone
1954	b Blair Robt G	R. L. Polk & Co.
	SPRINGER CLYDE R R	R. L. Polk & Co.
	Evans Chas W	R. L. Polk & Co.
	Springer Clyde EX	R. L. Polk & Co.
1948	Jackson Ethel	Los Angeles Directory Co.
	Johnson C B	Los Angeles Directory Co.
	Springer Clyde	Los Angeles Directory Co.
1933	SPRINGER C R (O)	Los Angeles Directory Co.

1238 1/2 19TH ST

Year	Uses	Source
1965	MCCAMBRIDGE MARIE C	Pacific Telephone
1962	SPRINGER GLADYS A	Pacific Telephone
1958	SPRINGER GLADYS A	Pacific Telephone
	SNYDER DONALD D	Pacific Telephone

1239 19TH ST

Year	Uses	Source
2006	EXCALIBUR CAB	Haines Co., Inc.
	ALL UNITED CAB	Haines Co., Inc.
	ALLBREHTWDCAB	Haines Co., Inc.
	ALL CITY CAB	Haines Co., Inc.
	ALL INDEPENDENT	Haines Co., Inc.
	ALL PACIFIC	Haines Co., Inc.
	PALISDE CAB	Haines Co., Inc.
	ALL SNTA MNCA	Haines Co., Inc.
1991	COSTELLO ROBT	Pacific Bell
	Costello Robt	Pacific Bell
	Costello Suzanne 2739445	Pacific Bell
1985	CDSTELLOROBT	Pacific Bell
	GIARRATANO DON	Pacific Bell
	KENNEY JAS J PHD	Pacific Bell
1980	Cooper Jill	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Costello Robt	Pacific Telephone
	Durham Catherine	Pacific Telephone
	Hunt Bruce	Pacific Telephone
	Marshall Robt J	Pacific Telephone
	Mendez D	Pacific Telephone
	Spellman Maria	Pacific Telephone
	Stelzner V	Pacific Telephone
	Tonelli P	Pacific Telephone
1975	CITRON RICHARD	Pacific Telephone
	SANTA MONICA	Pacific Telephone
	AUSTIN A	Pacific Telephone
	BEVS A	Pacific Telephone
	BERNHARDT RICK	Pacific Telephone
	HAMMOND BARRY	Pacific Telephone
	IPPEN B	Pacific Telephone
	KIVIAT GAYLE	Pacific Telephone
1970	BAMBIC PS	Pacific Telephone
	BRADSHAWEST DAVID	Pacific Telephone
	DINIVANT MARY K	Pacific Telephone
1965	DUNIVANT MARY K	Pacific Telephone
1954	a Redfearn Hazel	R. L. Polk & Co.
	b White Daisy Mrs	R. L. Polk & Co.
	c Leavitt Vern	R. L. Polk & Co.
	d Kinne Minnie Mrs	R. L. Polk & Co.
1948	McNulty Helen A	Los Angeles Directory Co.
	Noonan C C	Los Angeles Directory Co.
	Kallan N T	Los Angeles Directory Co.
	Thomas Fredk	Los Angeles Directory Co.

1239A 19TH ST

Year	Uses	Source
1970	MORROW ROBT D	Pacific Telephone
1965	MORROW ROBT D	Pacific Telephone
1962	MORROW ROBT D	Pacific Telephone
1958	MORROW ROBT D	Pacific Telephone
1954	SCHOENWETTER THEO	R. L. Polk & Co.
1933	WILLS S	Los Angeles Directory Co.

FINDINGS

1239B 19TH ST

Year	Uses	Source
1965	HARRIS DAISY WHITE	Pacific Telephone
1962	HARRIS DAISY WHITE	Pacific Telephone
1958	HARRIS DAISY WHITE	Pacific Telephone
1954	HARRIS DAISY WHITE	R. L. Polk & Co.
1933	VACANT	Los Angeles Directory Co.

1239C 19TH ST

Year	Uses	Source
1962	SHAIIRAN JOHN	Pacific Telephone
1933	HILAND EBUZ MRS	Los Angeles Directory Co.

1239D 19TH ST

Year	Uses	Source
1933	THOMAS FREDK	Los Angeles Directory Co.

1243 19TH ST

Year	Uses	Source
1965	SAUNDERS ERMA	Pacific Telephone
1958	KRUEGER BETTY MRS R	Pacific Telephone
1954	KRUEGER BETTY MRS R	R. L. Polk & Co.
	Krueger Eliz J Mrs EX	R. L. Polk & Co.
	1/2 Krueger Emma C Mrs EX	R. L. Polk & Co.
1948	Krueger E J Mrs	Los Angeles Directory Co.
	Burns B F	Los Angeles Directory Co.

1243 1/2 19TH ST

Year	Uses	Source
1962	RUSGER EMMA C	Pacific Telephone
1958	KRUGER EMMA C	Pacific Telephone
1954	KRUGER EMMA C	R. L. Polk & Co.

1244 19TH ST

Year	Uses	Source
1991	Dahl S BEL AIR 4728954	Pacific Bell
	Dahl Susan WESTWOOD 4708933	Pacific Bell
	Ful ler EM	Pacific Bell
	DAHROCKNE	Pacific Bell
	FULIEREM	Pacific Bell
	Dah Rockne	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Dah M S BEL AIR 4720208	Pacific Bell
1985	FULLER E M	Pacific Bell
1980	Fuller	Pacific Telephone
1975	FULLER E M	Pacific Telephone
1970	FULLER EVELYN M	Pacific Telephone
	MITTENDORIF BARBARA	Pacific Telephone
	PORTNER NORMAN	Pacific Telephone
	RICH PALMA	Pacific Telephone
1965	FULLER EVELYN M	Pacific Telephone
	BLEDJIAN LEON	Pacific Telephone
	MITTENDORFF BARBARA	Pacific Telephone
1962	PARMETER IRENE S	Pacific Telephone
	TIERNEY FRANCIS B	Pacific Telephone
1958	PARMETERIJERRY J	Pacific Telephone
	SIMPSON MINNIE C	Pacific Telephone
1954	a Talbot Jessie Mrs EX	R. L. Polk & Co.
	b Chapman Agnes M Mrs	R. L. Polk & Co.
	c Marino Newie D EX	R. L. Polk & Co.
	d Dezarn Woodson	R. L. Polk & Co.
	TALBOT JESSIE	R. L. Polk & Co.
1948	Morse Bertha Mrs	Los Angeles Directory Co.
	Chapman A M Mrs	Los Angeles Directory Co.
	Kally K E	Los Angeles Directory Co.
	Brooks J L	Los Angeles Directory Co.
1933	ANDERTON JOS	Los Angeles Directory Co.

1244A 19TH ST

Year	Uses	Source
1958	WATERWORTH JOHN C	Pacific Telephone
1933	VACANT	Los Angeles Directory Co.

1244C 19TH ST

Year	Uses	Source
1958	FITZELLE GEO T	Pacific Telephone
1954	MVARINO NEWIE D	R. L. Polk & Co.
1933	HUMBLE ELWOOD	Los Angeles Directory Co.

FINDINGS

1244D 19TH ST

Year	Uses	Source
1933	KEADY A C (O)	Los Angeles Directory Co.

1247 19TH ST

Year	Uses	Source
1991	Hamer Wm	Pacific Bell
	HAMERWM	Pacific Bell
1985	CLAY B	Pacific Bell
	HNAMER WM	Pacific Bell
	SAWYER C	Pacific Bell
1980	Bove B	Pacific Telephone
	Hamer Wm	Pacific Telephone
1975	HAMERWM	Pacific Telephone
1970	SANFORD MARGARET	Pacific Telephone
1965	COX GLADYS M	Pacific Telephone
	MCDANIEL NELLIE	Pacific Telephone
	REYNOLD LEE B	Pacific Telephone
1962	GILLIN ODETTE	Pacific Telephone
	MCDANIEL NELLIE	Pacific Telephone
	WAHIGREN DOROTHY SLY	Pacific Telephone
1958	FISSERS ALBERT	Pacific Telephone
	MVCDANIEL NELLIE	Pacific Telephone
1954	a Bullock Jas	R. L. Polk & Co.
	b Mc Daniel Ralph	R. L. Polk & Co.
	c Dowen Clifton ex	R. L. Polk & Co.
	d Barnett John A	R. L. Polk & Co.
	BARNETT EMILY T	R. L. Polk & Co.
	BARNETT JOHN J	R. L. Polk & Co.
	BULLOCK JEANETTE S	R. L. Polk & Co.
1948	Hooley M E	Los Angeles Directory Co.
	Douglas R L	Los Angeles Directory Co.
	Reiter J D	Los Angeles Directory Co.
	Watson J C	Los Angeles Directory Co.

1247C 19TH ST

Year	Uses	Source
1958	BOWEN C A	Pacific Telephone
1954	BOWEN C A	R. L. Polk & Co.

FINDINGS

1247D 19TH ST

Year	Uses	Source
1962	HATCH HAZEL MRS	Pacific Telephone
1958	HATCH HAZEL MRS	Pacific Telephone

1250 1/2 19TH ST

Year	Uses	Source
1960	EDERLE FRANK W	Pacific Telephone

1253 19TH ST

Year	Uses	Source
2006	FOSTER Shawna	Haines Co., Inc.
1991	Spector Linda J	Pacific Bell
	Spector M SANTA MONICA 4521158	Pacific Bell
	SPECTORLINDA J	Pacific Bell
	JACOBSON PETER	Pacific Bell
	Jacobson Peter	Pacific Bell
1980	Uyeda C	Pacific Telephone
	Uyeda C	Pacific Telephone
	Uy N	Pacific Telephone
	Mahowald Robt	Pacific Telephone
	Mahr Hele	Pacific Telephone
1975	MAHOWALD ROBT	Pacific Telephone
	BERTRAM J	Pacific Telephone
1970	MAHOWALD ROBT	Pacific Telephone
	REED ANN K	Pacific Telephone
	RYALL W A	Pacific Telephone
1965	MAHOWOLD ROHT	Pacific Telephone
	RYALL W A	Pacific Telephone
	WHITNEY N M	Pacific Telephone
1962	MAHOWALD ROBT	Pacific Telephone
	HALL J MARLEY	Pacific Telephone
	RYALL WA	Pacific Telephone
1958	3ECHTEL FLORENCE	Pacific Telephone
	MAHOWALD ROBT	Pacific Telephone
1954	Ryall Wm A EX	R. L. Polk & Co.
	LAVIN HUGH	R. L. Polk & Co.
1948	Laven H J	Los Angeles Directory Co.
1933	DONOVAN J J	Los Angeles Directory Co.
1920	Powell C B	Los Angeles Directory Co.

1254 19TH ST

Year	Uses	Source
2013	SEVENTHDAY AVENTIST CHURCH	Cole Information Services
2008	SEVENTH DAY ADVENTIST	Cole Information Services
2006	SEVENTHDAY	Haines Co., Inc.
	ADVNTST	Haines Co., Inc.
1991	SEVENTH DAY ADVENTIST CHURCH OF SANTA MONICA SANTA MONICA	Pacific Bell
	SEVENTH DAY ADVENTIST CHURCH OF SANTA MONICA	Pacific Bell
	Day Or Night Call 8291945	Pacific Bell
1985	SEVENTH DAY ADVENTIST CHURCH OF SANTA MONICA SANTA MONICA	Pacific Bell
1980	SRFVSESIJI YBPVENTPIST CHURCH OF ANIAMUMIt BA	Pacific Telephone
	Day Or Night Call	Pacific Telephone
1970	SEVENTH DAY ADVENTIST CHURCH FIRST OF SANTA MONICA	Pacific Telephone
1965	SEVENTH DAY ADVENTIST CHURCH FIRST OF SANTA MONICA	Pacific Telephone
1962	SEVENTH-DAY ADVENTIST CHURCH FIRST	Pacific Telephone
1958	SEVENTH-DAY ADVENTIST CHURCH FIRST	Pacific Telephone
1954	SEVENTH-DAY ADVENTIST CHURCH	R. L. Polk & Co.

1257 19TH ST

Year	Uses	Source
1970	POWELL ANNE L	Pacific Telephone
1965	POWELL ANNE L	Pacific Telephone
1962	POWELL ANNE L	Pacific Telephone
1958	POWELL ANNE L	Pacific Telephone
1954	Powell Anne L EX	R. L. Polk & Co.
	POWELL ANNE L	R. L. Polk & Co.
1948	Powell M L Mrs	Los Angeles Directory Co.
1933	H1ERRMANN THEO	Los Angeles Directory Co.

1258 19TH ST

Year	Uses	Source
1964	SVORINICH ANDREW J SAN PEDRO	Pacific Telephone

FINDINGS

1260 19TH ST

Year	Uses	Source
1954	Seventh day Adventist Church	R. L. Polk & Co.
1948	Seventh Day Adventist Ch	Los Angeles Directory Co.

1266 19TH ST

Year	Uses	Source
1964	PIKE ALICE A SAN PEDRO	Pacific Telephone

1279 19TH ST

Year	Uses	Source
1964	MILLER DONALD W SAN PEDRO	Pacific Telephone

1285 19TH ST

Year	Uses	Source
1985	GLAVINIC LOUIS L	Pacific Bell
1980	GLAVINIC LOUIS L	Pacific Telephone
1975	GLAVINIC LOUIS L	Pacific Telephone
1970	GLAVINIC LOUIS L	Pacific Telephone
1964	GLAVINIC LOUIS L	Pacific Telephone
1960	GLAVINIC LOUIS L	Pacific Telephone
1954	GLAVINIC LOUIS L	R. L. Polk & Co.

1293 19TH ST

Year	Uses	Source
2000	X ARIZONA AV	Haines & Company
	XXXX	Haines & Company

1302 19TH ST

Year	Uses	Source
2008	CITY OF SANTA MONICA	Cole Information Services
1970	DAAB GUSTAV	Pacific Telephone
1965	DAAB GUSTAV	Pacific Telephone
1962	DAAB GUSTAV	Pacific Telephone
1958	REDHEAD EDMUND L	Pacific Telephone
1954	Conroy Trean E Mrs	R. L. Polk & Co.
1948	Archer L H	Los Angeles Directory Co.
	Slater Florence	Los Angeles Directory Co.
1933	PATTON B E MRS	Los Angeles Directory Co.

FINDINGS

1305 19TH ST

Year	Uses	Source
1920	East @Santa Monica@ M E Church	Los Angeles Directory Co.

1307 19TH ST

Year	Uses	Source
2006	HARARIGil	Haines Co., Inc.
	KOSTER Kevin	Haines Co., Inc.
	POLAND Amy	Haines Co., Inc.
	POLAND Amy	Haines Co., Inc.
2000	APARTMENTS	Haines & Company
	COHEN Jared	Haines & Company
	DORFMAN David	Haines & Company
	HORNSTEIN Steven	Haines & Company
	KOSTER Kevin	Haines & Company
	WILSON Keith	Haines & Company
	HAMILTON William J	Haines & Company
	SCHNEIDER Orly	Haines & Company
	HAGHNAZARZAD Josel	Haines & Company
	MOHAJER Asdollah D 310 a	Haines & Company
	TAHOUR Morris	Haines & Company
	YAMINI Famoush	Haines & Company
	RAPPOPORT Deborah	Haines & Company
	NOWICKI Joseph	Haines & Company
	SHAPIRO Laura	Haines & Company
	GOODMAN John	Haines & Company
	LAGERSON David	Haines & Company
	RIZZO David	Haines & Company
1991	Chansg Ahichu	Pacific Bell
	Russo Jennifer	Pacific Bell
	Russo Joe 27633	Pacific Bell
	Tomitaka H	Pacific Bell
	Tomiyama D & S	Pacific Bell
	CHANSGAHICHU	Pacific Bell
	RUSSO JENNIFER	Pacific Bell
	TOMITAKA H	Pacific Bell
1985	BRAUN R A	Pacific Bell
1980	Braun R A	Pacific Telephone
	Braun R A	Pacific Telephone
1975	BRAUN R A	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	BRASS R A	Pacific Telephone
1965	BRAUN R A	Pacific Telephone
1962	BRAUN R A	Pacific Telephone
1958	BRAUN R A	Pacific Telephone
1954	BRAUN HANNA	R. L. Polk & Co.
	Braun Reinhard A EX	R. L. Polk & Co.
1948	Braun R A	Los Angeles Directory Co.
1933	SEMPREZ J C	Los Angeles Directory Co.
1920	Ferguson R B	Los Angeles Directory Co.

1308 19TH ST

Year	Uses	Source
1965	WILKINS ROBT R	Pacific Telephone
1962	WRIGHT DAVE	Pacific Telephone
1958	MARKEVICIUS J	Pacific Telephone
1954	BOYCE EUGENE	R. L. Polk & Co.
	Boyce Eug EX	R. L. Polk & Co.
	a Niedifer Alf	R. L. Polk & Co.
	b Garrett Wmn	R. L. Polk & Co.
1948	Mountford M R	Los Angeles Directory Co.
1933	JEFFERS L M MRS	Los Angeles Directory Co.

1311 19TH ST

Year	Uses	Source
2006	SCHNEIDER Ordy	Haines Co., Inc.
	BERGKristen 310 D	Haines Co., Inc.
1991	Schneider Orly	Pacific Bell
	Schneider Paul	Pacific Bell
	Harris Jerry L	Pacific Bell
	Hitzman Mc Mkhee	Pacific Bell
	HARRIS JERRY L	Pacific Bell
	HITZMANMCMKHEE	Pacific Bell
	SCHNEIDER ORLY	Pacific Bell
1985	SCHNEIDER ORLY	Pacific Bell
1980	Bellinger C	Pacific Telephone
	Ghalamkar Moazzam Mohsen	Pacific Telephone
1975	HERMAN JESSIE	Pacific Telephone
1970	MARCOS ANGELINA	Pacific Telephone
	SIMON GEO	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	BOGRLS TAKIS	Pacific Telephone
	DUFF DAISY	Pacific Telephone
	SIMON GEO	Pacific Telephone
	WEINER A S	Pacific Telephone
	WILKINSON HARRY B MD	Pacific Telephone
	WILLIAMSON BETTY	Pacific Telephone
1962	COCKRAM NINA E	Pacific Telephone
	DUFF DAISY	Pacific Telephone
	SIMON GEO	Pacific Telephone
	WILKINSON HARRY B MD	Pacific Telephone
	WILLIAMSON BETTY	Pacific Telephone
	WEINER A S	Pacific Telephone
1958	COLBY ELSE	Pacific Telephone
	LOGAN H E	Pacific Telephone
	PETERSEN C HELVIG	Pacific Telephone
	SORENSEN FRANCES W	Pacific Telephone
	BRADBURY J A	Pacific Telephone

1312 19TH ST

Year	Uses	Source
2006	YAMINI Samoush	Haines Co., Inc.
	MOHAJERAsdolah D	Haines Co., Inc.
1991	FORD ELIROT	Pacific Bell
	GREENFIELD SANDRA A	Pacific Bell
	HAGHNAZARZADEH YAGUB	Pacific Bell
	THAYERDENNIS	Pacific Bell
	Ford F SANTA MONICA 3956082	Pacific Bell
	Ford Frank X& Laura E SANTA MONICA 3958309	Pacific Bell
	Greenfield Sandra A	Pacific Bell
	Haghnazarzadeh Yagub	Pacific Bell
	Haghooty Khalil SANTA MONICA 828977	Pacific Bell
	Hagian Zion 657268	Pacific Bell
	Thayer Dennis	Pacific Bell
	Ford Elirot	Pacific Bell
	Coy Ted	Pacific Bell
1985	COY TED	Pacific Bell
	R LFORD ELLIOT	Pacific Bell
	UNDERWOOD DUKE	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Coleman Emily H	Pacific Telephone
	Coy Ted	Pacific Telephone
	Man Woman Institute	Pacific Telephone
	Mana Properties Ltd rl est	Pacific Telephone
	Saverio R	Pacific Telephone
	Seibert R A	Pacific Telephone
	Thayer Dennis	Pacific Telephone
	Tombrink K	Pacific Telephone
	Man Woman Institute	Pacific Telephone
1975	KATZ I R	Pacific Telephone
	ME MICHAEL PAUL	Pacific Telephone
1970	MCMICHAEL PAUL	Pacific Telephone
	TODD M	Pacific Telephone
1965	BOYCE HOLLY	Pacific Telephone
1962	BOYCE EUGENE	Pacific Telephone
1958	BOYCE EUGENE	Pacific Telephone
	DUTCHER CHAS E	Pacific Telephone
1954	Dutcher Calvin F pntr EX	R. L. Polk & Co.
	1/2 Ketchem John	R. L. Polk & Co.
	DUTCHER CHAS E	R. L. Polk & Co.
1948	Overholser J S	Los Angeles Directory Co.
	Welborn Norma	Los Angeles Directory Co.
1933	HIGLEY P R	Los Angeles Directory Co.
1920	Hall E	Los Angeles Directory Co.

1312 1/2 19TH ST

Year	Uses	Source
1954	CAPLES VELMA MRS	R. L. Polk & Co.

1313 19TH ST

Year	Uses	Source
1954	Mc Donald H H	R. L. Polk & Co.
	1/2 Morlan W	R. L. Polk & Co.
	CLARK JAS C	R. L. Polk & Co.
1948	Wood J E	Los Angeles Directory Co.
	Leuty L A Mrs	Los Angeles Directory Co.
1933	GLASS THOS	Los Angeles Directory Co.
1920	Haywood Matilda Mrs	Los Angeles Directory Co.

FINDINGS

1317 19TH ST

Year	Uses	Source
2006	DRENNONS	Haines Co., Inc.
	B JUAREZM	Haines Co., Inc.
1980	Cherestes Aurel	Pacific Telephone
	Cherico R	Pacific Telephone
	Goodman Sylvia	Pacific Telephone
	Naylor K	Pacific Telephone
	Naylor L	Pacific Telephone
1975	CHERESTES AUREL	Pacific Telephone
	DUBRISH MARY ANN	Pacific Telephone
	GREENBAUM V	Pacific Telephone
	JOSEPH ARNOLD MRS	Pacific Telephone
	NAYLOR K	Pacific Telephone
	HOROVLTZ DAVID	Pacific Telephone
1970	GATE S	Pacific Telephone
	CHERESTES AUREL	Pacific Telephone
	KEMS JOHRI	Pacific Telephone
	MILES VELMA	Pacific Telephone
	HOROVITZ DAVID	Pacific Telephone
1954	Meenaugh Merwyn V EX	R. L. Polk & Co.
	MEENAUGH MERWYN R	R. L. Polk & Co.
1948	Dow R H	Los Angeles Directory Co.
1933	DOW R H (O)	Los Angeles Directory Co.
1920	Dow R H	Los Angeles Directory Co.

1318 19TH ST

Year	Uses	Source
2006	o SHAPIROLaura	Haines Co., Inc.
1991	KROKZYKP	Pacific Bell
	HATHAWAY GREGORY	Pacific Bell
	Krokzyk P	Pacific Bell
	Hathaway Gregory	Pacific Bell
	Bower Jas M	Pacific Bell
1985	BOWER JAS M	Pacific Bell
	HATHAWAY GREGORY	Pacific Bell
	HOBKIRK C	Pacific Bell
1980	Casey A	Pacific Telephone
	Peake D	Pacific Telephone
	Casetta Prima	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Bates Robt W	Pacific Telephone
1975	PEAKE D	Pacific Telephone
	HAROLD ROBERT	Pacific Telephone
	BALL IO	Pacific Telephone
1970	POLLACK A	Pacific Telephone
	BRAMER MYRTLE H	Pacific Telephone
	PARKER VERA	Pacific Telephone
1965	KURTH THOS A	Pacific Telephone
	HARDISTY W G	Pacific Telephone
	DUCKETT THES W	Pacific Telephone
	BRAMER MYRTLE H	Pacific Telephone
1962	ICUITH THOS A	Pacific Telephone
	HARDISTY W G	Pacific Telephone
	DUCKETT THOS W	Pacific Telephone
	BRANNER MYRTLE H	Pacific Telephone
1958	THORMAN EMANUEL	Pacific Telephone
	KENNY BARBARA	Pacific Telephone
	DUCKETT THOS W	Pacific Telephone
	BULLOCK ISABEL C	Pacific Telephone
1954	Rudkin Lois J EX	R. L. Polk & Co.

1318D 19TH ST

Year	Uses	Source
1965	HOUCK HOWARD	Pacific Telephone
1962	HOUCIC HOWARD	Pacific Telephone

1318E 19TH ST

Year	Uses	Source
1958	HAYNES CARROLL D	Pacific Telephone

1318F 19TH ST

Year	Uses	Source
1958	DEAN JANE	Pacific Telephone
	HAWES EUGENIA MI	Pacific Telephone

1320 19TH ST

Year	Uses	Source
1954	Hubbard Cora Mrs EX	R. L. Polk & Co.
	BROCK MARTHA	R. L. Polk & Co.

FINDINGS

1321 19TH ST

Year	Uses	Source
2006	FLAGLER Reagan	Haines Co., Inc.
	A RIZZO David	Haines Co., Inc.
1991	Rizzo David	Pacific Bell
	NEWKIRKNEFL	Pacific Bell
	RIZZO DAVID	Pacific Bell
	Newkirk Nefi	Pacific Bell
1985	NEWKIRK NELL	Pacific Bell
	OETZELL THOS	Pacific Bell
1980	Davidson Kathleen	Pacific Telephone
	March John	Pacific Telephone
	March L	Pacific Telephone
	Oetzell Thos	Pacific Telephone
	OF DAYS GONE BY	Pacific Telephone
	Retd T	Pacific Telephone
1975	MASH LLOYD	Pacific Telephone
	NASH MICHAEL	Pacific Telephone
1970	KELLY FRANCIS	Pacific Telephone
	REID J D	Pacific Telephone
1965	BARLEY BENJ M	Pacific Telephone
	CHARLES THOS H	Pacific Telephone
	MARCCS CHAS	Pacific Telephone
	REID J D	Pacific Telephone
1962	BARLEY BENJ M	Pacific Telephone
	CARY GEO H	Pacific Telephone
	UNDERWOOD AGNES B	Pacific Telephone
	WEICHMAN I	Pacific Telephone
	REID J D	Pacific Telephone
	COSINDAS ALOX	Pacific Telephone
1958	SHELDON CFIAS	Pacific Telephone
	HOWLETT ROBT C	Pacific Telephone
	LAUCHENAUER HEINZ	Pacific Telephone
	STOLLE HELEN	Pacific Telephone
	NEICHMAN I	Pacific Telephone
1954	a Bruce Jason M	R. L. Polk & Co.
	b Tanner Jos T	R. L. Polk & Co.
	c Lewis Harold	R. L. Polk & Co.
	d Stolle Helen M EX	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	Eason H	R. L. Polk & Co.
	AYRES A JEAN	R. L. Polk & Co.
	EASON H	R. L. Polk & Co.
	STOLLE HELEN	R. L. Polk & Co.

1321B 19TH ST

Year	Uses	Source
1954	ZAROWJOHN C	R. L. Polk & Co.

1321C 19TH ST

Year	Uses	Source
1954	WILDMAN BEN C	R. L. Polk & Co.

1324 19TH ST

Year	Uses	Source
2006	WINDSOR David E	Haines Co., Inc.
	STERN Geofurey	Haines Co., Inc.
	APPELDouglas H	Haines Co., Inc.
2000	MARTINEZ Sergio	Haines & Company
	HONIG Adolph	Haines & Company
	CARTER Ann P	Haines & Company
	BEYKIRCH Kelly	Haines & Company
	BEYKIRCH Karl	Haines & Company
	APPEL Douglas H	Haines & Company
	APARTMENTS	Haines & Company
1991	MARTINEZSERGIO	Pacific Bell
	HOLBROOKELLEN	Pacific Bell
	BEYKIRCH KARL & KELLY	Pacific Bell
	OSWALDTIMJ	Pacific Bell
	Beykirch Karl & Kelly	Pacific Bell
	Holbrook Ellen	Pacific Bell
	Martinez Sergio	Pacific Bell
	Oswald Tim J	Pacific Bell
1985	OSWALD TIM J	Pacific Bell
	MARTINEZ SERGIO	Pacific Bell
	GEIB BILLLE	Pacific Bell
	ABRAMSONJENNY	Pacific Bell
1980	Safarik Zdenek	Pacific Telephone
	Kelly SL& BEVERLY HILLS	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	MOLEN L P	Pacific Telephone
	GORDON SII2IE	Pacific Telephone
	HOLLIS TOM D	Pacific Telephone
	HUNDEPOOL ABRAHAM	Pacific Telephone
	ME GRAW SHERON R	Pacific Telephone
1962	ALIEN VIOLA	Pacific Telephone
1958	ALIEN VIOLA R	Pacific Telephone
1954	Allen Viola EX	R. L. Polk & Co.
1948	Allen Viola	Los Angeles Directory Co.
1933	EDINBOROUGH E L MRS (O)	Los Angeles Directory Co.
1920	Edinborough E L Mrs	Los Angeles Directory Co.

1325 19TH ST

Year	Uses	Source
1964	STONE JASSE A JR MANHATTAN BEACH	Pacific Telephone

1327 19TH ST

Year	Uses	Source
1958	MLILERR V MIRS	Pacific Telephone
1954	MILLER R 0 MRS	R. L. Polk & Co.
	Miller Mary D Mrs EX	R. L. Polk & Co.
1933	MEEWEN R	Los Angeles Directory Co.
1920	Cowan 3 H	Los Angeles Directory Co.

1328 19TH ST

Year	Uses	Source
2008	CHEF ZADI	Cole Information Services
2000	DOWLER Lilly	Haines & Company
1985	GOTTHELF MICHELLE	Pacific Bell
	GOTTHELF ERIC	Pacific Bell
1980	Nikolchev Julian	Pacific Telephone
	Bernard Claude	Pacific Telephone
1975	LURPHY E J L	Pacific Telephone
	HOFER AJ	Pacific Telephone
	GARDINIER JEAN	Pacific Telephone
1970	GARDINIER JEAN	Pacific Telephone
	HOFER A J	Pacific Telephone
	KELLY ESTHER C	Pacific Telephone
1965	RATKELIS ELIZABETH MRS	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	MCGOY ESTHER E	Pacific Telephone
	GARDINIER JEAN	Pacific Telephone
1962	RABELLO ROBT G	Pacific Telephone
	GARDINER JEAN	Pacific Telephone
	BISQUERA MATHILDE	Pacific Telephone
1958	HOFER A J	Pacific Telephone
1954	Hofer Arth J EX	R. L. Polk & Co.
	HOFER A J	R. L. Polk & Co.
1948	Kohn Adeline C	Los Angeles Directory Co.
1933	SHUGRUE T F1 (O)	Los Angeles Directory Co.
1920	Lovely Alberta Mrs	Los Angeles Directory Co.
	Shugrue T F	Los Angeles Directory Co.

1328B 19TH ST

Year	Uses	Source
1962	JOHNSON HARRY N	Pacific Telephone

1329 19TH ST

Year	Uses	Source
2006	ROMCIOAdam	Haines Co., Inc.
	MILLER Craig	Haines Co., Inc.
2000	TOMBROS Alex	Haines & Company
	MOULINOS Nicholas	Haines & Company
1985	HETRICK C E	Pacific Bell
	LOMASNEY JAS	Pacific Bell
1975	MUNELLNGERROBT	Pacific Telephone
1970	GONZALES DAVID V	Pacific Telephone
	MUNZLLNGER ROBT	Pacific Telephone
1965	MUNZLINGER ROBT	Pacific Telephone
	SCHWARZ SANDRA	Pacific Telephone
1962	HUSCHELBAUER KURT	Pacific Telephone
1954	LEUTEL GEO H	R. L. Polk & Co.
	Leutel Geo	R. L. Polk & Co.

1330 19TH ST

Year	Uses	Source
1980	GRANDE M	Pacific Telephone

FINDINGS

1331 19TH ST

Year	Uses	Source
1962	COLLATES NICHOLAS	Pacific Telephone

1333 19TH ST

Year	Uses	Source
2008	J C RESEARCH	Cole Information Services
	RICHARD C ROBBINS	Cole Information Services
2006	UYEMURA Cary	Haines Co., Inc.
	TY Jonathan	Haines Co., Inc.
	ROBBINS	Haines Co., Inc.
	RICHARD C	Haines Co., Inc.
	LIVSHITZ Esfir	Haines Co., Inc.
	EHBRECHTWIllam	Haines Co., Inc.
	ATWi OODArene	Haines Co., Inc.
	BEAN Frederick	Haines Co., Inc.
2000	MCCRORY Dawn	Haines & Company
	LIBONATE Jean	Haines & Company
1991	Gallagher Don & Lynne	Pacific Bell
	Gallagher E SANTA MONICA 3936838	Pacific Bell
	GALLAGHERDON & LYNNE	Pacific Bell
1985	WOLFE BART	Pacific Bell
	MCBRIDE MICHAEL	Pacific Bell
	ETA ERGUN	Pacific Bell
	ETE ERGUN	Pacific Bell
	HEDBERG SVEN A	Pacific Bell
1980	Swonger L C	Pacific Telephone
1970	SWONGER L C	Pacific Telephone
1962	SWONGER L C	Pacific Telephone
1958	SWONGER L C	Pacific Telephone
1954	Swonger Lester C EX	R. L. Polk & Co.
	SWONGER L C	R. L. Polk & Co.
1948	Willert J M	Los Angeles Directory Co.
1933	WILLERT J M (O)	Los Angeles Directory Co.
1920	Van Pelt Gee	Los Angeles Directory Co.

1334 19TH ST

Year	Uses	Source
2006	ABRAHAM Kelly	Haines Co., Inc.
	DAHLCraig	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	GELFOND Mark	Haines Co., Inc.
	LYON Mevin	Haines Co., Inc.
	MARTINEZRicardo	Haines Co., Inc.
	e PANISH Adam	Haines Co., Inc.
2000	ELSER K	Haines & Company
	GELFOND Mark	Haines & Company
	MARTINEZ Esperanza	Haines & Company
1991	Gelfond Mark	Pacific Bell
	Haun Kim	Pacific Bell
	HAUN KIM	Pacific Bell
1985	BENDER HJ	Pacific Bell
	QUARROZ ETIENNE	Pacific Bell
1975	EINFIELD C	Pacific Telephone
1970	CAMMAN A	Pacific Telephone
	DANON R	Pacific Telephone
	FEINFIELD C	Pacific Telephone
	THOMPSON ROBT P	Pacific Telephone
	LIPPITT JILL	Pacific Telephone
	SUKONECK HARRIET	Pacific Telephone
1965	HLENY DORNNIS	Pacific Telephone
	MERCIER J	Pacific Telephone
	TEDFORD JACK M	Pacific Telephone
1962	MERCIER J	Pacific Telephone
	SERVICE ROBT E	Pacific Telephone
	WINZELER GENE F	Pacific Telephone
1958	HEWLETT OLIVE B	Pacific Telephone
	LE PAIGE FREE T	Pacific Telephone
	MIEDERHOFF DOROTHY	Pacific Telephone
1954	Apartments	R. L. Polk & Co.
	Nowatnick Win G	R. L. Polk & Co.
	Finn Geo	R. L. Polk & Co.
	Cao Carl V	R. L. Polk & Co.
	Peterson Harry	R. L. Polk & Co.
	Elliott Raymond	R. L. Polk & Co.
	Sunland Dorothy	R. L. Polk & Co.
	Street continued	R. L. Polk & Co.
	CHAMBERLAIN CASSIE E	R. L. Polk & Co.
1948	Piazza A J	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1948	Thomas C J	Los Angeles Directory Co.
	Bowsher Una D music tchr	Los Angeles Directory Co.
	Mullin E R	Los Angeles Directory Co.
	Cunningham G H	Los Angeles Directory Co.
	Perkins P E	Los Angeles Directory Co.
1933	WATTS R G	Los Angeles Directory Co.
1920	La Fouge J A	Los Angeles Directory Co.

1334A 19TH ST

Year	Uses	Source
1954	SMITH ROSE C	R. L. Polk & Co.
1933	VACANT	Los Angeles Directory Co.

1334B 19TH ST

Year	Uses	Source
1933	AHLGRIMN R H (O)	Los Angeles Directory Co.

1337 19TH ST

Year	Uses	Source
2006	CHEWG	Haines Co., Inc.
	HADJIANAra	Haines Co., Inc.
2000	BARSOUM Makarios	Haines & Company
1991	SANDERS WAYNE	Pacific Bell
	Sanders Wayne	Pacific Bell
1985	CATALANO EDW S	Pacific Bell
	MULVANEY MICHAEL A	Pacific Bell
	SANDERS WAYNE	Pacific Bell
1980	Catalano Edw S	Pacific Telephone
	Mulvaney Michael A	Pacific Telephone
	Sanders Wayne	Pacific Telephone
	Vosahlo Geao	Pacific Telephone
	Vosatka	Pacific Telephone
	Vosberg C	Pacific Telephone
	Zurich Margaret	Pacific Telephone
1975	DEAM HAROLD	Pacific Telephone
	ILERBRUN LEON A	Pacific Telephone
1970	DAVIES S D	Pacific Telephone
	LATHAM NR	Pacific Telephone
	NEIGER RICHARD J	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	SIEGAL ELLEN J	Pacific Telephone
	SMALL RICHARD C	Pacific Telephone
	SMITH M CHRISTINE	Pacific Telephone
	TEJIDOR JOSE	Pacific Telephone
1962	PETTIS FRANIK J	Pacific Telephone
	NIADAM MI	Pacific Telephone
	BUSCH GERARD C	Pacific Telephone
	SMITH M CHRISTINE	Pacific Telephone
1958	BARROW EDW L	Pacific Telephone
	BUSCH GERARD C	Pacific Telephone
	STORM JACK G	Pacific Telephone
1954	Light Arden	R. L. Polk & Co.
1948	Auskulat W R	Los Angeles Directory Co.
1933	PHILLIPS V M (O)	Los Angeles Directory Co.
1920	Wilbert J M	Los Angeles Directory Co.

1338 19TH ST

Year	Uses	Source
2000	DJALALI Veis	Haines & Company
1980	Major Harry R	Pacific Telephone
1975	DODGE JAS	Pacific Telephone
1970	HURLEY DENNIS	Pacific Telephone
	GOVENAR JANET	Pacific Telephone
	DAVIS JOSEPHINE S	Pacific Telephone
1965	DRAPER JAS E	Pacific Telephone
	DAVIS JOSEPHINE S	Pacific Telephone
	BATENBURG CORNELIS	Pacific Telephone
1962	DAVIS JOSEPHINE S	Pacific Telephone
1958	DAVIS JOSEPHINE S	Pacific Telephone
	MURDOCH JOHN D	Pacific Telephone
1954	PARR MAR-Y E	R. L. Polk & Co.
	DAVIS JOSEPHINE S	R. L. Polk & Co.
	c Wild Mary J EX	R. L. Polk & Co.
	b Parr Mary E Mrs EX	R. L. Polk & Co.
	a Davis Josephine S Mrs EX	R. L. Polk & Co.

1338B 19TH ST

Year	Uses	Source
1962	BECHTEL FLORENCE	Pacific Telephone

FINDINGS

1338C 19TH ST

Year	Uses	Source
1962	WILD MARY MIRS	Pacific Telephone
1958	WILD MARY MRS	Pacific Telephone
1954	WILD MARY MRS	R. L. Polk & Co.

1341 19TH ST

Year	Uses	Source
1985	KUHL KEITH	Pacific Bell
1980	KUHL KEITH	Pacific Telephone
1975	KUHL KEITH	Pacific Telephone
1970	KUHL KEITH	Pacific Telephone

1342 19TH ST

Year	Uses	Source
2000	KRAMER Robert	Haines & Company
1985	MARDESICH ANDREW W	Pacific Bell
	YUGOSLAV TRAVEL & MANAGEMENT	Pacific Bell
1980	Singh Edmund	Pacific Telephone
	MARDESICH ANDREW W	Pacific Telephone
	Singh Hugh Karter	Pacific Telephone
1975	MARDESICH ANDREW N	Pacific Telephone
1970	MARDESICH ANDREW N	Pacific Telephone
1964	MARDESICH ANDREW N	Pacific Telephone
1960	MARDESICH ANDREW N	Pacific Telephone
1958	FURRER CARL E	Pacific Telephone
1957	MARDESICH ANDREW N	Pacific Telephone
1954	RASTELLO JOHN V JR	R. L. Polk & Co.
	FURRER CARL E	R. L. Polk & Co.
	Furrer Carl E EX	R. L. Polk & Co.
	1/2 Bernard Ruby M EX	R. L. Polk & Co.
1948	McClellan E B	Los Angeles Directory Co.
1933	ARNOLD H W	Los Angeles Directory Co.

1342 1/2 19TH ST

Year	Uses	Source
1970	POLLARD MAY	Pacific Telephone
1954	ARMSTRONG JESSIE	R. L. Polk & Co.

FINDINGS

1343 19TH ST

Year	Uses	Source
2006	OURAK	Haines Co., Inc.
	WYNNERobert	Haines Co., Inc.
2000	BROWN George	Haines & Company
	DALY Sean	Haines & Company
	WYNNE Robert 310 829 0134 B	Haines & Company
1991	Barclay Michael	Pacific Bell
	BARCLAYMICHAEL	Pacific Bell
	GUGLERGERH	Pacific Bell
	KILTTSM	Pacific Bell
	PARKER DON	Pacific Bell
	Parker Don	Pacific Bell
	Kiltts M	Pacific Bell
	Guglerger H	Pacific Bell
1985	SPILE STEVEN D	Pacific Bell
	GUGLBERGER H	Pacific Bell
	DIRECT EXPRESS MESSENGER SERVICES	Pacific Bell
1980	Spile Steven D	Pacific Telephone
	Rosman Richard	Pacific Telephone
	Guglbergtr H	Pacific Telephone
	Darmanian Geo	Pacific Telephone
1975	GUGIBERGER H	Pacific Telephone
1958	SOLOMON ERIKA	Pacific Telephone
1954	ROBERTSON JAS H	R. L. Polk & Co.
	Wildman Ben EX	R. L. Polk & Co.
1948	Lane B D	Los Angeles Directory Co.
1933	LOVOJOY H B MRS (O)	Los Angeles Directory Co.

1347 19TH ST

Year	Uses	Source
2000	KRAMER Robert	Haines & Company
1985	OREB MARK	Pacific Bell
1980	OREB MARKT	Pacific Telephone
1975	OREB MARK	Pacific Telephone
	BALLESTEROS NOE- 828-1288	Pacific Telephone
1970	OREB MARK	Pacific Telephone
	HAINES CRAIG H	Pacific Telephone
	STANYK PETER F	Pacific Telephone

Year	Uses	Source
1965	EMELOCK CHAS	Pacific Telephone
1964	OREB MARK	Pacific Telephone
1962	EMELECK CHAS	Pacific Telephone
	PHILLIPS MAIR	Pacific Telephone
1960	OREB MARK	Pacific Telephone
1958	EMELOCK CHAS	Pacific Telephone
	LESLIE AULETTA A	Pacific Telephone
	LEYBA ORLAND&	Pacific Telephone
	LYONS JOS T	Pacific Telephone
	WILLERTH MARLENE E	Pacific Telephone
1957	OREB MARK	Pacific Telephone
1954	Emelock Chas EX	R. L. Polk & Co.
	EMELOCK CHAS	R. L. Polk & Co.
	OREB MARK R	R. L. Polk & Co.
1948	Emelock Chas	Los Angeles Directory Co.
1935	Dahlquist P C r	Los Angeles Directory Co.

1349 19TH ST

Year	Uses	Source
1975	EMELOCK CHAS	Pacific Telephone
1970	EMELOCK CHAS	Pacific Telephone
	STOCK STEPHEN	Pacific Telephone
1965	STOCK STEPHEN	Pacific Telephone
1958	LEVY MORRIS	Pacific Telephone
1954	Levy Morris EX	R. L. Polk & Co.
	LEVY MORRIS	R. L. Polk & Co.
1948	Levy Morris	Los Angeles Directory Co.

1349A 19TH ST

Year	Uses	Source
1962	BEARD ROXANNE	Pacific Telephone

1350 19TH ST

Year	Uses	Source
2000	KRAMER Robert	Haines & Company
1975	ESSEFF NANCY	Pacific Telephone
1964	MENGLE ALVIN L MANHATTAN BEACH	Pacific Telephone
1962	HOME M N	Pacific Telephone
1958	MESSALL INEZ	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	Vacant	R. L. Polk & Co.
	MVESSATL LETHA H	R. L. Polk & Co.
1948	Schiff M P	Los Angeles Directory Co.
1933	JONES F	Los Angeles Directory Co.
1920	Van Dyck R W Mrs	Los Angeles Directory Co.
	Whitfield J T	Los Angeles Directory Co.

1351 19TH ST

Year	Uses	Source
2000	ADVANTAGE FITNESS PRODUCTS	Haines & Company
1991	Mendez Sergio	Pacific Bell
	MENDEZSERGIO	Pacific Bell
1980	Castlllo Robeeto M	Pacific Telephone
1970	RUFEIL ALICE	Pacific Telephone
1962	EDDY MAY MRS	Pacific Telephone
1958	HAMMERTON JUNIA MAE	Pacific Telephone
1954	COLEMAN LUCILLE	R. L. Polk & Co.
	Coleman J B	R. L. Polk & Co.
1948	Hurd G E dentist	Los Angeles Directory Co.

1353 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
1991	Martinez Bernabe	Pacific Bell
	MARTINEZ BERNABE	Pacific Bell
1980	Nieto Ramon	Pacific Telephone
1970	JABLER G	Pacific Telephone
1962	FITZGERALD WM H	Pacific Telephone
	STIDSTON IRENE E	Pacific Telephone
1958	KNIELING CLARA ANNA	Pacific Telephone
1954	FORSYTHE LEROY E	R. L. Polk & Co.
	b Carl A M	R. L. Polk & Co.
	c Eardy Irene	R. L. Polk & Co.
	a Laugherty Wm	R. L. Polk & Co.
	CARL ADOLPH M	R. L. Polk & Co.
1948	Asner Jess	Los Angeles Directory Co.
	Carl R L	Los Angeles Directory Co.
	Carl A M	Los Angeles Directory Co.

FINDINGS

1354 19TH ST

Year	Uses	Source
2000	XXXX	Haines & Company
	X SANTA MONICA BLVD	Haines & Company
1980	Manship Tom	Pacific Telephone
1975	MANSHIP TOM	Pacific Telephone
1958	HAMILTON EDITH L	Pacific Telephone
1954	SAMUELS DAVID	R. L. Polk & Co.
	Samuels David EX	R. L. Polk & Co.
1948	Burkhart Saml	Los Angeles Directory Co.
1933	CONZET H H	Los Angeles Directory Co.

1355 19TH ST

Year	Uses	Source
1980	DUNNEBACK HARRY A SAN PEDRO	Pacific Telephone
1964	VIERHEILIG E G SAN PEDRO	Pacific Telephone

1356 19TH ST

Year	Uses	Source
1985	BOZIN DAVOR	Pacific Bell
1980	BOZIN DAVOR SAN PEDRO	Pacific Telephone
1975	BOZIN DAVOR	Pacific Telephone
1970	BOZIN DAVOR	Pacific Telephone
1964	FRENCH EMMA MRS	Pacific Telephone
1960	FRENCH EMMA MRS	Pacific Telephone
1957	FRENCH BERT	Pacific Telephone
1954	FRENCH BERTR	R. L. Polk & Co.

1367 19TH ST

Year	Uses	Source
1970	NELL MARIA SAN PEDRO	Pacific Telephone
	NELL THOS SAN PEDRO	Pacific Telephone

19TH ST E

1210 19TH ST E

Year	Uses	Source
1944	Sutton a J	R. L. Polk & Co.
1939	Sutter John	Los Angeles Directory Co.
1935	Pennington Jas	Los Angeles Directory Co.
1931	Wilson K E	Los Angeles Directory Co.

FINDINGS

1218 19TH ST E

Year	Uses	Source
1944	Itiley M A	R. L. Polk & Co.
1939	Riley M A	Los Angeles Directory Co.
1935	Riley M A o	Los Angeles Directory Co.
1931	Riley M A o	Los Angeles Directory Co.

1221 19TH ST E

Year	Uses	Source
1944	Davis Lex	R. L. Polk & Co.
1939	Davis Lex	Los Angeles Directory Co.
1935	Davis Lex o	Los Angeles Directory Co.
1931	Davis Lex o	Los Angeles Directory Co.

1225 19TH ST E

Year	Uses	Source
1939	Knox Leonard	Los Angeles Directory Co.
1935	Woodman P R	Los Angeles Directory Co.
1931	Kalen Jos	Los Angeles Directory Co.

1227 19TH ST E

Year	Uses	Source
1944	AClements David	R. L. Polk & Co.
1939	Crowley C T	Los Angeles Directory Co.
1935	Basista G D	Los Angeles Directory Co.
1931	Casey C A	Los Angeles Directory Co.

1229 19TH ST E

Year	Uses	Source
1944	13olsvert Elmer	R. L. Polk & Co.
1939	Boisvert Elmer	Los Angeles Directory Co.
1935	Boisvert Elmer o	Los Angeles Directory Co.
1931	Boisvert Elmer o	Los Angeles Directory Co.

1231 19TH ST E

Year	Uses	Source
1944	AStout B N	R. L. Polk & Co.
1939	Hickenlooper W S	Los Angeles Directory Co.
1935	Stout E N o	Los Angeles Directory Co.
1931	Stout E N to	Los Angeles Directory Co.

FINDINGS

1233 19TH ST E

Year	Uses	Source
1944	AWilson Chiela Mrs	R. L. Polk & Co.
1939	Wilson Chiela Mrs	Los Angeles Directory Co.
1935	Wilson Clelia Mrs o	Los Angeles Directory Co.
1931	Wilson Jay o	Los Angeles Directory Co.

1235 19TH ST E

Year	Uses	Source
1944	Leonard Nina Mrs	R. L. Polk & Co.
1939	Skeber Joe	Los Angeles Directory Co.
1935	Skeber Jos	Los Angeles Directory Co.
1931	Skeber Jo H	Los Angeles Directory Co.

1237 19TH ST E

Year	Uses	Source
1944	Carlson Geo	R. L. Polk & Co.
1939	AGray W J	Los Angeles Directory Co.
1935	Vaughan G L	Los Angeles Directory Co.
1931	Miller J R	Los Angeles Directory Co.

1239 19TH ST E

Year	Uses	Source
1944	Fitzgerald Elmma Mrs	R. L. Polk & Co.
1939	Stuart Grace Mrs	Los Angeles Directory Co.
1935	Stuart F W o	Los Angeles Directory Co.
1931	Stuart F W o	Los Angeles Directory Co.

1241 19TH ST E

Year	Uses	Source
1939	AClements D M	Los Angeles Directory Co.
1935	Davidson i H o	Los Angeles Directory Co.
1931	Hancroft C T	Los Angeles Directory Co.

1243 19TH ST E

Year	Uses	Source
1944	Wright N F Mrs	R. L. Polk & Co.
1939	Wright S E	Los Angeles Directory Co.
1935	Stuart M E Mrs	Los Angeles Directory Co.
1931	Vacant	Los Angeles Directory Co.

FINDINGS

1245 19TH ST E

Year	Uses	Source
1944	14 Girard L A	R. L. Polk & Co.
1935	Ford H N o	Los Angeles Directory Co.
1931	Ford H M o	Los Angeles Directory Co.

1246 19TH ST E

Year	Uses	Source
1939	Groshong R C	Los Angeles Directory Co.

1247 19TH ST E

Year	Uses	Source
1944	Carter BE Rii	R. L. Polk & Co.
1939	Crowley Geo	Los Angeles Directory Co.
1935	Isaacson R L	Los Angeles Directory Co.
1931	Liby B E	Los Angeles Directory Co.

1268 19TH ST E

Year	Uses	Source
1944	ADunham L M Mrs	R. L. Polk & Co.
1939	Dunham L M Mrs	Los Angeles Directory Co.
1935	Turner Bert	Los Angeles Directory Co.
	Dunham L M Mrs o	Los Angeles Directory Co.
1931	Dunham L M Mrs o	Los Angeles Directory Co.

1278 19TH ST E

Year	Uses	Source
1944	Bonnewitz 8 R	R. L. Polk & Co.
1939	Bonnewitz S R	Los Angeles Directory Co.
1935	Bonnewitas S R	Los Angeles Directory Co.
1931	Bonnewitz S R a	Los Angeles Directory Co.

1286 19TH ST E

Year	Uses	Source
1944	Fullen W	R. L. Polk & Co.
1939	Vacant	Los Angeles Directory Co.
1935	Conrad Marie Mrs	Los Angeles Directory Co.
1931	Landers J W	Los Angeles Directory Co.

FINDINGS

1294 19TH ST E

Year	Uses	Source
1944	Sly G T	R. L. Polk & Co.
1939	Schneider H B	Los Angeles Directory Co.
1935	Vacant	Los Angeles Directory Co.
1931	Newhouse S O	Los Angeles Directory Co.

19th Street

1239 19th Street

Year	Uses		Source
2006	ALLBREHTWDCAB		Haines Co., Inc.
	ALL CITY CAB		Haines Co., Inc.
	ALL INDEPENDENT		Haines Co., Inc.
	ALL PACIFIC		Haines Co., Inc.
	PALISDE CAB		Haines Co., Inc.
	ALL SNTA MNCA		Haines Co., Inc.
	EXCALIBUR CAB		Haines Co., Inc.
	ALL UNITED CAB		Haines Co., Inc.
1991	COSTELLO ROBT		Pacific Bell
	Costello Suzanne	2739445	Pacific Bell
	Costello Robt		Pacific Bell
1985	CDSTELLOROBT		Pacific Bell
	GIARRATANO DON		Pacific Bell
	KENNEY JAS J PHD		Pacific Bell
1980	Marshall Robt J		Pacific Telephone
	Spellman Maria		Pacific Telephone
	Mendez D		Pacific Telephone
	Stelzner V		Pacific Telephone
	Tonelli P		Pacific Telephone
	Hunt Bruce		Pacific Telephone
	Cooper Jill		Pacific Telephone
	Costello Robt		Pacific Telephone
	Durham Catherine		Pacific Telephone
1975	BEVS A		Pacific Telephone
	KIVIAT GAYLE		Pacific Telephone
	IPPEN B		Pacific Telephone
	CITRON RICHARD		Pacific Telephone
	AUSTIN A		Pacific Telephone
	HAMMOND BARRY		Pacific Telephone

FINDINGS

Year	Uses	Source
1975	SANTA MONICA	Pacific Telephone
	BERNHARDT RICK	Pacific Telephone
1970	BAMBIC PS	Pacific Telephone
	DINIVANT MARY K	Pacific Telephone
	BRADSHAWEST DAVID	Pacific Telephone
1965	DUNIVANT MARY K	Pacific Telephone
1954	a Redfearn Hazel	R. L. Polk & Co.
	b White Daisy Mrs	R. L. Polk & Co.
	c Leavitt Vern	R. L. Polk & Co.
	d Kinne Minnie Mrs	R. L. Polk & Co.
	ORTH MARY MCDANIEL	R. L. Polk & Co.
1948	McNulty Helen A	Los Angeles Directory Co.
	Noonan C C	Los Angeles Directory Co.
	Kallan N T	Los Angeles Directory Co.
	Thomas Fredk	Los Angeles Directory Co.
1944	Fitzgerald Elmma Mrs	R. L. Polk & Co.
1939	Stuart Grace Mrs	Los Angeles Directory Co.
1935	Stuart F W o	Los Angeles Directory Co.
1931	Stuart F W o	Los Angeles Directory Co.

1253 19th Street

Year	Uses	Source
2006	FOSTER Shawna	Haines Co., Inc.
1991	Jacobson Peter	Pacific Bell
	Spector Linda J	Pacific Bell
	Spector M SANTA MONICA 4521158	Pacific Bell
	JACOBSON PETER	Pacific Bell
	SPECTORLINDA J	Pacific Bell
1980	Uy N	Pacific Telephone
	Uyeda C	Pacific Telephone
	Uyeda C	Pacific Telephone
	Mahowald Robt	Pacific Telephone
	Mahr Hele	Pacific Telephone
1975	MAHOWALD ROBT	Pacific Telephone
	BERTRAM J	Pacific Telephone
1970	REED ANN K	Pacific Telephone
	RYALL W A	Pacific Telephone
	MAHOWALD ROBT	Pacific Telephone
1965	RYALL W A	Pacific Telephone

FINDINGS

Year	Uses	Source
1965	MAHOWOLD ROHT	Pacific Telephone
	WHITNEY N M	Pacific Telephone
1962	RYALL WA	Pacific Telephone
	MAHOWALD ROBT	Pacific Telephone
	HALL J MARLEY	Pacific Telephone
1958	3ECHTEL FLORENCE	Pacific Telephone
	MAHOWALD ROBT	Pacific Telephone
1954	Ryall Wm A EX	R. L. Polk & Co.
	LAVIN HUGH	R. L. Polk & Co.
1948	Laven H J	Los Angeles Directory Co.
1933	DONOVAN J J	Los Angeles Directory Co.
1920	Powell C B	Los Angeles Directory Co.

20TH

1206 20TH

Year	Uses	Source
1995	ROBINSON JOHN A	Pacific Bell

1208 20TH

Year	Uses	Source
1929	Soreas Oscar Maxine h	Los Angeles Directory Co.

1214 20TH

Year	Uses	Source
1940	SNYDER RE	Los Angeles Directory Co.
1928	HERRING J A	Los Angeles Directory Co.
1924	Herring J A	Los Angeles Directory Co.

1217 20TH

Year	Uses	Source
1940	SLINKER3 JB	Los Angeles Directory Co.
1928	SLINKER J B	Los Angeles Directory Co.
1924	Slinker L C	Los Angeles Directory Co.

1218 20TH

Year	Uses	Source
1940	FOUR SQUARE GOSPEL	Los Angeles Directory Co.

FINDINGS

1219 20TH

Year	Uses	Source
1940	SIINKER L C	Los Angeles Directory Co.
	FARMER G E	Los Angeles Directory Co.

1221 20TH

Year	Uses	Source
1942	BALLARD May	Los Angeles Directory Co.

1223 20TH

Year	Uses	Source
1995	ZABALZA FILOMENA LINDA	Pacific Bell
	ZABALZA ROSALIA	Pacific Bell
1990	ZABALZA ROSALIA	Pacific Bell
	ZABALZA FILOMENA LINDA	Pacific Bell
1940	MENZIES JOHN	Los Angeles Directory Co.
1924	Menzies John	Los Angeles Directory Co.

1224 20TH

Year	Uses	Source
1940	LEWIS F E	Los Angeles Directory Co.
1928	HANSLMAIR GEO	Los Angeles Directory Co.
1924	Wheelock A D	Los Angeles Directory Co.

1224 1/2 20TH

Year	Uses	Source
1964	PETTIGREW PAUL	Pacific Telephone

1226 20TH

Year	Uses	Source
1995	DRAGICH NICK III	Pacific Bell
1990	DRAGICH NICK III	Pacific Bell

1227 20TH

Year	Uses	Source
1990	KOLLBERG RICHARD S N	Pacific Bell
1935	Berg Frank M r	Los Angeles Directory Co.

1228 20TH

Year	Uses	Source
1991	GATES MARK	Pacific Bell
	Gates Mark	Pacific Bell

FINDINGS

Year	Uses	Source
1940	ACHRISTENSON A H	Los Angeles Directory Co.
1928	JOHNSON ALTA M	Los Angeles Directory Co.
1924	Blades Elbert	Los Angeles Directory Co.

1228 1/2 20TH

Year	Uses	Source
1940	SMITH A M MRS (N)	Los Angeles Directory Co.

1233 20TH

Year	Uses	Source
1962	Gragg Lilton	Pacific Telephone
1940	WANNER S C	Los Angeles Directory Co.
1928	PARSONS R J	Los Angeles Directory Co.
	KIDDLE G H	Los Angeles Directory Co.
	MENZIES JOHN	Los Angeles Directory Co.
1924	Kiddle G H	Los Angeles Directory Co.

1233 1/2 20TH

Year	Uses	Source
1981	MARTINEZ FRANCISCO R	Pacific Telephone

1234 20TH

Year	Uses	Source
1940	MORGAN 3 W	Los Angeles Directory Co.
1935	Mc Ginnis Arthur r	Los Angeles Directory Co.
1928	MORGAN J W	Los Angeles Directory Co.
1924	Morgan J W	Los Angeles Directory Co.

1235 20TH

Year	Uses	Source
1990	RAMOS ALEX	Pacific Bell

1236 20TH

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.
1928	VACANT	Los Angeles Directory Co.

1237 20TH

Year	Uses	Source
1940	SALE C L	Los Angeles Directory Co.
1928	FORBURGER A D	Los Angeles Directory Co.

FINDINGS

1238 20TH

Year	Uses	Source
1940	KCOONTZ W G	Los Angeles Directory Co.
1924	Turmire Claude	Los Angeles Directory Co.

1243 20TH

Year	Uses	Source
1940	LEASURE E B	Los Angeles Directory Co.
1928	VACANT	Los Angeles Directory Co.
1924	Brush H R	Los Angeles Directory Co.

1244 20TH

Year	Uses	Source
1940	POOLE L B	Los Angeles Directory Co.
1928	MAXWELL W H	Los Angeles Directory Co.
1924	Vacant	Los Angeles Directory Co.

1245 20TH

Year	Uses	Source
1940	BURTON HOWARD	Los Angeles Directory Co.
1928	VACANT	Los Angeles Directory Co.
1924	Carr Harold SANIA I	Los Angeles Directory Co.

1245 1/2 20TH

Year	Uses	Source
1940	BALES W P	Los Angeles Directory Co.
1928	FORBES L M MRS	Los Angeles Directory Co.

1247 20TH

Year	Uses	Source
1940	HEGGE ANNE	Los Angeles Directory Co.

1249 20TH

Year	Uses	Source
1940	DE WALT LUCILLE	Los Angeles Directory Co.

1249A 20TH

Year	Uses	Source
1928	DEWALT H G	Los Angeles Directory Co.

FINDINGS

1249B 20TH

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.
1928	MATHERS ELIZ A	Los Angeles Directory Co.
	BURTON HOWARD	Los Angeles Directory Co.

1249C 20TH

Year	Uses	Source
1940	COREY H J	Los Angeles Directory Co.

1249D 20TH

Year	Uses	Source
1940	BLAKELY BARBARA	Los Angeles Directory Co.
1928	MENG EBLZ MRS	Los Angeles Directory Co.

1249E 20TH

Year	Uses	Source
1940	PEARSON EMMA IM	Los Angeles Directory Co.
1928	HOYT F H MRS	Los Angeles Directory Co.

1249F 20TH

Year	Uses	Source
1940	CAMPBELL KENNETH	Los Angeles Directory Co.
1928	MINGER C F MRS	Los Angeles Directory Co.

1251 20TH

Year	Uses	Source
1940	MYERS JL V	Los Angeles Directory Co.
1928	ABBOTT W P	Los Angeles Directory Co.

1253 20TH

Year	Uses	Source
1995	LLEWELLYN HENRY A	Pacific Bell
1990	LLEWELLYN HENRY A	Pacific Bell

1258 20TH

Year	Uses	Source
1995	DRAGICH PETER T	Pacific Bell
1990	DRAGICH PETER T	Pacific Bell
1928	SHEELY J W	Los Angeles Directory Co.
1924	Sheeley J W	Los Angeles Directory Co.

FINDINGS

1266 20TH

Year	Uses	Source
1995	RADISIC ANN	Pacific Bell
1990	RADISIC ANN	Pacific Bell

1267 20TH

Year	Uses	Source
1995	GEISER JAMES	Pacific Bell
	GEISER JAMES	Pacific Bell
1990	GEISER JAMES	Pacific Bell
	GEISER JAMES	Pacific Bell

1273 20TH

Year	Uses	Source
1995	ARA JOHN L & SANDRA	Pacific Bell
1990	ARA JOHN L	Pacific Bell

1293 20TH

Year	Uses	Source
1995	REYNOSO JOE	Pacific Bell
1990	REYNOSO JOE	Pacific Bell

1301 20TH

Year	Uses	Source
1991	Goldman Erwin SANTA MONICA 3965562	Pacific Bell
	Phillips Allyson 2741967	Pacific Bell
	For Appointments Call	Pacific Bell
	PHIIVPSW ALBERT MD SANTA MONICA	Pacific Bell
	WOODSROGERKMD	Pacific Bell
	LAIN THOS MICHAEL MD INC	Pacific Bell
	GOLDMANELLLOTLMD	Pacific Bell
	Goldman Elllot LMD	Pacific Bell
	Goldman Emly VENICE 3969403	Pacific Bell
	Woods Roger KMD	Pacific Bell
	LAIN THOS MICHAEL MD INC	Pacific Bell
	Laine Camie & Tom 472923	Pacific Bell
	Lainme Lee R& Norma SANTA MONICA 395295	Pacific Bell
	Laine Loren BRENTWOOD 472743	Pacific Bell
	Laine S 273629	Pacific Bell
	Laine Stephen M LOS ANGELES 447197	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Lainer L 5590221	Pacific Bell
	PHIIVPSW ALBERT MD	Pacific Bell
1990	SPIEGEL JANE SINDEN MDMPH SANTA MONICA	Pacific Bell

1310 20TH

Year	Uses	Source
1940	MCKINNEY LI IL MRS	Los Angeles Directory Co.
1928	MCKINNEY LAURA MRS	Los Angeles Directory Co.
1924	McIntire W C Re	Los Angeles Directory Co.

1314 20TH

Year	Uses	Source
1940	MILLER HOWARD	Los Angeles Directory Co.
1928	LENTEL MAX	Los Angeles Directory Co.
1924	Northup Major	Los Angeles Directory Co.

1315 20TH

Year	Uses	Source
1971	Santa Monica Montessori School Inc	Pacific Telephone
	Montessori School Santa Monica	Pacific Telephone
1940	RAMSEY HR M SCHOOL	Los Angeles Directory Co.
1928	GRACE M E CHURCH	Los Angeles Directory Co.

1318 20TH

Year	Uses	Source
1940	SIGREENLEAF C F	Los Angeles Directory Co.
1924	Greenleaf C F	Los Angeles Directory Co.

1320 20TH

Year	Uses	Source
1986	SANTA MONICA CONVALARIUM SANTA MONICA	Pacific Bell
1981	SANTA MONICA CONVALARIUM SANTA MONICA	Pacific Telephone
1971	SANTA MONICA CONVALARIUM	Pacific Telephone

1324 20TH

Year	Uses	Source
1995	CRACCHIOLO JOE	Pacific Bell
1990	CRACCHIOLO JOE	Pacific Bell

FINDINGS

1325 20TH

Year	Uses	Source
1995	BOSKOVICH NICK	Pacific Bell
1990	BOSKOVICH NICK	Pacific Bell

1328 20TH

Year	Uses	Source
1940	AFULLER W C	Los Angeles Directory Co.
1928	PERRY V C	Los Angeles Directory Co.
1924	Beard W H	Los Angeles Directory Co.

1328 1/2 20TH

Year	Uses	Source
1940	KRUSE L R	Los Angeles Directory Co.

1330 20TH

Year	Uses	Source
1995	KNOLL JOHN D JR	Pacific Bell
1990	KNOLL JOHN D JR	Pacific Bell

1334 20TH

Year	Uses	Source
1940	CHESEBRO V IM	Los Angeles Directory Co.
1928	STAPLES J A REV	Los Angeles Directory Co.
1924	Staples J A	Los Angeles Directory Co.

1334 1/2 20TH

Year	Uses	Source
1940	ANDERSON MAY MRS	Los Angeles Directory Co.
1928	BURNETT C L	Los Angeles Directory Co.

1336 20TH

Year	Uses	Source
1995	MILLER CHAS T	Pacific Bell
1990	MILLER CHAS T	Pacific Bell
1933	ROBINSON Cary C waiter	Los Angeles Directory Co.

1337 20TH

Year	Uses	Source
1995	PETRICH BORTI	Pacific Bell
1990	PETRICH BORTI	Pacific Bell

1338 20TH

Year	Uses	Source
1991	MIDDLEBROOK CJ	Pacific Bell
	FEMAN ELSIE	Pacific Bell
	Middlebrook CJ	Pacific Bell
	Feldnman Eugene Marina Del Rey 8222596	Pacific Bell
	Fe Man Elsie	Pacific Bell
1940	KLEIN BARBARA MRS	Los Angeles Directory Co.
1928	BROOKS L C	Los Angeles Directory Co.
1924	Mc Kinney W M	Los Angeles Directory Co.

1338 1/2 20TH

Year	Uses	Source
1940	SMITH JEAN	Los Angeles Directory Co.
1928	DOTY JOHN	Los Angeles Directory Co.

1338 3/4 20TH

Year	Uses	Source
1928	CARSON MARY MRS	Los Angeles Directory Co.

1338A 20TH

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.

1338B 20TH

Year	Uses	Source
1940	LANG VICTORIA MRS	Los Angeles Directory Co.

1339 20TH

Year	Uses	Source
1990	REGIONAL CENTER FOR THE DEVELOPMENTALLY DISABLED OF SAINT JOHN S HOSPITAL A	Pacific Bell
	CHILD STUDY CENTER OF SAINT JOHN S HOSPITAL AND HEALTH CENTER SANTA MONI	Pacific Bell
1986	REGIONAL CENTER FOR THE DEVELOPMENTALLY DISABLED OF SAINT JOHNS HOSPITAL AN	Pacific Bell
	CHILD STUDY CENTER OF SAINT JOHN S HOSPITAL AND HEALTH CENTER SANTA MONI	Pacific Bell

Year	Uses	Source
1981	KENNEDY REGIONAL CENTER FOR THE DEVELOPMENTALLY DISABLED OF SAINT JOHNS HOS	Pacific Telephone
	KENNEDY CHILD STUDY CENTER OF SAINT JOHNS HOSPITAL AND HEALTH CENTER SM	Pacific Telephone

1341 20TH

Year	Uses	Source
1995	PALACIOS JOS JR	Pacific Bell
1990	PALACIOS JOS JR	Pacific Bell

1342 20TH

Year	Uses	Source
1940	STEVENS HAROLD REV	Los Angeles Directory Co.
1928	STEVENS HAROLD	Los Angeles Directory Co.
1924	Stevens H	Los Angeles Directory Co.

1344 20TH

Year	Uses	Source
1990	ELLIS GEORGE E JR	Pacific Bell

1346 20TH

Year	Uses	Source
1929	Santman Arth Bertha lab r	Los Angeles Directory Co.

1348 20TH

Year	Uses	Source
1962	Burton Patricia Jean	Pacific Telephone

1350 20TH

Year	Uses	Source
1990	CRAWFORD CHAS F	Pacific Bell

1351 20TH

Year	Uses	Source
1933	WHITAKER Harry R Bessie A	Los Angeles Directory Co.

1355 20TH

Year	Uses	Source
1990	GOSCH HOWARD	Pacific Bell
	GOSCH H L ENTERPRISES	Pacific Bell

FINDINGS

1356 20TH

Year	Uses	Source
1995	CVITANOVICH DIANA	Pacific Bell
1990	CVITANOVICH DIANA	Pacific Bell
1935	Turner Thomas R r	Los Angeles Directory Co.

1365 20TH

Year	Uses	Source
1933	Finkenbinder Paul J clk	Los Angeles Directory Co.

1368 20TH

Year	Uses	Source
1990	BJAZEVICH VINCE	Pacific Bell

1369 20TH

Year	Uses	Source
1962	Klingsberg Sally	Pacific Telephone

1386 20TH

Year	Uses	Source
1937	GIBBS Clifford	Los Angeles Directory Co.

20TH CT

1310 20TH CT

Year	Uses	Source
1970	COLEMAN LOWELL	Pacific Telephone

1315 20TH CT

Year	Uses	Source
1970	BUTLER IMOGENE MRS	Pacific Telephone

1319 20TH CT

Year	Uses	Source
1970	MCKENZIE MARY A MRS	Pacific Telephone
1954	b Mulica Mary A	R. L. Polk & Co.
	a Morris Mary Mrs	R. L. Polk & Co.
	Mc Kenzie Geo M	R. L. Polk & Co.

FINDINGS

20TH PL

1314 20TH PL

Year	Uses	Source
1958	FIFE HARVEY C	Pacific Telephone

1315 20TH PL

Year	Uses	Source
1954	No return	R. L. Polk & Co.
1940	EDWARDS C E MRS	Los Angeles Directory Co.
1936	EDWARDS C E MRS	Los Angeles Directory Co.
1933	MINJARES MATTHEW	Los Angeles Directory Co.
1928	VACANT	Los Angeles Directory Co.

1319 20TH PL

Year	Uses	Source
1940	IKING M J	Los Angeles Directory Co.
1936	BEHRENDT HENRY	Los Angeles Directory Co.
1933	HAVWARD A K A	Los Angeles Directory Co.
1928	HOLLAND W D	Los Angeles Directory Co.

1325 20TH PL

Year	Uses	Source
1954	Vacant	R. L. Polk & Co.
1940	WELLS M JS C	Los Angeles Directory Co.
1936	WELLS MYRTA J (O)	Los Angeles Directory Co.
1933	WELLS MYRTA J (O)	Los Angeles Directory Co.
1928	WELLS MYRTA J	Los Angeles Directory Co.

1332 20TH PL

Year	Uses	Source
1958	WOLF5OFL JOS	Pacific Telephone

20TH ST

1200 20TH ST

Year	Uses	Source
1991	LIGHTHOOSEMTHE	Pacific Bell
	Lighthoosem The	Pacific Bell

FINDINGS

1201 20TH ST

Year	Uses	Source
1976	Wilson Mary R	Pacific Telephone

1202 20TH ST

Year	Uses	Source
1976	Corpuz Lue	Pacific Telephone

1203 20TH ST

Year	Uses	Source
1976	Cervantez Estella	Pacific Telephone

1208 20TH ST

Year	Uses	Source
1964	TORMEY RICHARD H MANHATTAN BEACH	Pacific Telephone

1209 20TH ST

Year	Uses	Source
1976	Jackson Joe Nell	Pacific Telephone

1214 20TH ST

Year	Uses	Source
1933	VACANT	Los Angeles Directory Co.
1920	Hening 3 A	Los Angeles Directory Co.

1215 20TH ST

Year	Uses	Source
1976	Richmond F A	Pacific Telephone

1217 20TH ST

Year	Uses	Source
2006	BRAUNArthur	Haines Co., Inc.
	CHOW Judy	Haines Co., Inc.
	ELLEL Linda	Haines Co., Inc.
	HALPERIN Uliana	Haines Co., Inc.
	MARROQUIN Ruth	Haines Co., Inc.
	RAMIREZJuan	Haines Co., Inc.
	STPIERRE WVillam	Haines Co., Inc.
	THIANKHAM	Haines Co., Inc.
	Kamphon	Haines Co., Inc.
	VEERANARAWAT	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	Sumitra	Haines Co., Inc.
	WEERANARAWAT	Haines Co., Inc.
	Suronnarit	Haines Co., Inc.
	WRIGHT Barry	Haines Co., Inc.
	YEH Ying C	Haines Co., Inc.
	ZELMAN Michael V Dr	Haines Co., Inc.
1991	Clagg Brian	Pacific Bell
	Claibome E SANTA MONICA	Pacific Bell
	Clair Darren Dr SANTA MONICA 4511030	Pacific Bell
	Clair Judith	Pacific Bell
	Clair S A SANTA MONICA 3943346	Pacific Bell
	Eliel Lawrence	Pacific Bell
	Gauder Edward	Pacific Bell
	Leigh Joan Irving	Pacific Bell
	Leigh Kenneth & Eileen	Pacific Bell
	Igh Lorrayne Ph D LOS ANGELES 4786214	Pacific Bell
	Walnwright David	Pacific Bell
	CLAGG BRIAN	Pacific Bell
	ELIEL LAWRENCE	Pacific Bell
	GAUDEREDWARD	Pacific Bell
	LEIGHJOAN IRVING	Pacific Bell
	WALNWRIGHT DAVID	Pacific Bell
	WELTERJ	Pacific Bell
	YOUSEFIA SHAHRIAR	Pacific Bell
	Welter J	Pacific Bell
	Yousefia Shahriar	Pacific Bell
1985	BEVERLY JADE CAB & LIMO CO	Pacific Bell
	ELLEL LAWRENCE	Pacific Bell
	HALATIABOLHASSAN	Pacific Bell
	NORRIS DELBERT GLENN	Pacific Bell
	RIVERA MARY LOU	Pacific Bell
	SAMIMI K B	Pacific Bell
	SARAHBAKHSH NASSAR	Pacific Bell
	WRIGHT BARRY	Pacific Bell
1980	Antanessian Jenik S	Pacific Telephone
	Antar Corp	Pacific Telephone
	Chambers Judlth E	Pacific Telephone
	Ellel Lawremice	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Foroughi Shoa Dr	Pacific Telephone
	Hoight R S & O	Pacific Telephone
	Haigih Ala	Pacific Telephone
	Kahenlan Joseph	Pacific Telephone
	Nosseini Scyed	Pacific Telephone
	Simmers J	Pacific Telephone
	Simmers Robt	Pacific Telephone
	Yadegar Shahin	Pacific Telephone
1975	CARATAN ANTON G	Pacific Telephone
	DAVIS MARTIN H	Pacific Telephone
	GEIB HENRY	Pacific Telephone
	ESPARZA JON J	Pacific Telephone
	FEY WALTER	Pacific Telephone
	FRIEDRICH KRIS0	Pacific Telephone
	LUCIANO THOS	Pacific Telephone
	NISSLEY RONALD	Pacific Telephone
1970	CAONAN JENNINGS	Pacific Telephone
1965	SLINKER J B	Pacific Telephone
1962	SLINKER J B	Pacific Telephone
1958	SLINKER J B R	Pacific Telephone
1954	Slinker Jas B EX	R. L. Polk & Co.
	SLINKER J B R	R. L. Polk & Co.
1948	Slinker J B	Los Angeles Directory Co.
1933	SLINKER J B CO)	Los Angeles Directory Co.
1920	Garretteon Almnira Mr	Los Angeles Directory Co.
	Mc Donald W H Jr	Los Angeles Directory Co.

1218 20TH ST

Year	Uses	Source
1948	Four Square Gospel Ch	Los Angeles Directory Co.

1219 20TH ST

Year	Uses	Source
1954	Alyea Orville D EX	R. L. Polk & Co.
1948	Martin B L Mrs	Los Angeles Directory Co.
1933	SLINKER L C	Los Angeles Directory Co.

FINDINGS

1220 20TH ST

Year	Uses	Source
2013	LIGHTHOUSE CHURCH	Cole Information Services
2008	LIGHTHO SCHOOL	Cole Information Services
	FOURSQUARE CHURCH SANTA MONICA	Cole Information Services
	LIGHTHOUSE CHURCH THE	Cole Information Services
2006	MONICA	Haines Co., Inc.
	UGHTHOUSE	Haines Co., Inc.
	CHURCH SCHOOL	Haines Co., Inc.
	LIGHTHOUSE	Haines Co., Inc.
	CHURCH THE	Haines Co., Inc.
	SNTAMNCA	Haines Co., Inc.
	FOURSQUARE	Haines Co., Inc.
	CHURCH	Haines Co., Inc.
	FOURSQUARE	Haines Co., Inc.
	CHURCH SANTA	Haines Co., Inc.
1991	FOURSQUARE CHURCH SANTA MONICA	Pacific Bell
	LGHTHOUSE SCHOOL THE	Pacific Bell
	SANTA MONICA FOURSQUARE CHURCH	Pacific Bell
	FOURSQUARE CHURCH SANTA MONICA	Pacific Bell
	LGHTHOUSE SCHOOL THE	Pacific Bell
	Lighthose Taxi SANTA MONICA 3946686	Pacific Bell
	Santa Monica Foursquare Church	Pacific Bell
1985	FOURSQUARE CHURCH SANTA MONLCA SANTA MONICA	Pacific Bell
	CHURCH ON THE BAY THE	Pacific Bell
	SANTA MONICA FOURSQUARE CHURCH	Pacific Bell
1980	FOURSQUARE CHURCH SANTA MONICA	Pacific Telephone
	Santa Monica Foursquare Church	Pacific Telephone
1975	BETHANY CHURCH OF FOURSQUARE GOSPEL	Pacific Telephone
1970	BETHANY CHURCH	Pacific Telephone
1965	BETHANY CHURCH	Pacific Telephone
1958	FOURSQUARE CHURCH	Pacific Telephone
1954	Foursquare Ch EX	R. L. Polk & Co.
	FOURSQUARE CHURCH	R. L. Polk & Co.

FINDINGS

1221 20TH ST

Year	Uses	Source
1976	Smith Anna	Pacific Telephone
	Barbour Charlotte	Pacific Telephone
1967	Smith Anna	Pacific Telephone

1222 20TH ST

Year	Uses	Source
1976	Gutierrez Alex Cota	Pacific Telephone
	Gutierrez Nolia	Pacific Telephone

1223 20TH ST

Year	Uses	Source
2013	SEBAGO LP	Cole Information Services
	SEBAGO LP	Cole Information Services
2008	SEBAGO LP	Cole Information Services
	SEBAGO LP	Cole Information Services
2006	SEBAGOLP	Haines Co., Inc.
	SPRAGUE Matt	Haines Co., Inc.
	TAYLOR Jennifer	Haines Co., Inc.
1991	Catano Geo	Pacific Bell
	Catanzano L 2043152	Pacific Bell
	Catanzaro C VENICE	Pacific Bell
	Chun Jon	Pacific Bell
	Clement Phillip	Pacific Bell
	Maxwell Laura	Pacific Bell
	Maxwell Lynch Interiors MALIBU 4567466	Pacific Bell
	Maxwell M SANTA MONICA	Pacific Bell
	Nammack Chad	Pacific Bell
	Nammack Peter & Denise LOS ANGELES 3911557	Pacific Bell
	CATANO GEO	Pacific Bell
	CHUN JON	Pacific Bell
	CLEMENT PHILLIP	Pacific Bell
	MAXWELL LAURA	Pacific Bell
	NAMMACK CHAD	Pacific Bell
1976	Toney Anna	Pacific Telephone
1975	BAGDON HARRIS	Pacific Telephone
	BAXTER MB	Pacific Telephone
	BAYER RUPERT	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	HODGENS E F	Pacific Telephone
1970	BRIDGEMAN FRED	Pacific Telephone
	CRANDALL PEGGY MRS	Pacific Telephone
	DWYER MATT	Pacific Telephone
	HENCHERTWILHEIMINA	Pacific Telephone
	ORANT M J	Pacific Telephone
	PORTER MARGARET	Pacific Telephone
	SHAFFER ELNA M MRS	Pacific Telephone
	GALLAGHER HELEN MRS	Pacific Telephone
1965	GRISWOLD MILDRED D RN	Pacific Telephone
	BURTON CLYDE A	Pacific Telephone
	DONATONI EVELYN	Pacific Telephone
	GALLAGHER HELEN MRS	Pacific Telephone
	HENCHENT WILHELMINA	Pacific Telephone
	PORTER MARGARET	Pacific Telephone
	SHAFFER ELNA M MRS	Pacific Telephone
	TEGELER ADELE J	Pacific Telephone
1962	PORTER MARGARET	Pacific Telephone
	ROYSTON HENRY V	Pacific Telephone
	WALLACE GRATE A	Pacific Telephone
	SHAELER ELNA M MRS	Pacific Telephone
	SMITH BEATRICE MIS	Pacific Telephone
	SMITH MARIETTA	Pacific Telephone
	BURTON CLYDE A	Pacific Telephone
	DONATONI EVELYN	Pacific Telephone
	GRISWOLD MILDRED0RN	Pacific Telephone
	GROSS RUSSEL A	Pacific Telephone
1958	MCLMLAHON T C	Pacific Telephone
	PARENT DANI T	Pacific Telephone
	AOTELI MARGARET	Pacific Telephone
	ROBERTS THOS A	Pacific Telephone
	SMITH MARIETTA	Pacific Telephone
	THOMPSON WESLEY C	Pacific Telephone
	BROOK ROBT M	Pacific Telephone
	LALTON THOS V	Pacific Telephone
	FARNLCY JAS W	Pacific Telephone
	GORDON GEO A	Pacific Telephone
	GRISWOLD MILDRED D RN	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	GROSS RUSSEL A	Pacific Telephone
	MVCMLALHON MVLILDREDF	Pacific Telephone
1954	BERNARD ALTON J	R. L. Polk & Co.
	DE YOE ORVIL D	R. L. Polk & Co.
	FIFE HARVEY C	R. L. Polk & Co.
	GORDON GEO A	R. L. Polk & Co.
	PARENT DANI T	R. L. Polk & Co.
	SHALL P B	R. L. Polk & Co.
	SHERLOCK ELLEN	R. L. Polk & Co.
	VON HAKE CARL	R. L. Polk & Co.
	De Yoe Orvil D EX	R. L. Polk & Co.
	Taylor Danl W	R. L. Polk & Co.
	Von Hake Carl A EX	R. L. Polk & Co.
	Street continued	R. L. Polk & Co.
	Apartments	R. L. Polk & Co.
	Sherlock Thos J EX	R. L. Polk & Co.
	Gordon Ray	R. L. Polk & Co.
	Fife Harvey C EX	R. L. Polk & Co.
	Parent Danl T EX	R. L. Polk & Co.
	Smith Jules	R. L. Polk & Co.
	Brock Jas	R. L. Polk & Co.
	Donatoni E J	R. L. Polk & Co.
	Shall P B EXS	R. L. Polk & Co.
	Cross Russell	R. L. Polk & Co.
1948	Vacant	Los Angeles Directory Co.
1933	MENZIES JOHN (O)	Los Angeles Directory Co.
1920	Haurler M E Mrs	Los Angeles Directory Co.

1223A 20TH ST

Year	Uses	Source
1954	THOMPSON WESLEY C	R. L. Polk & Co.

1224 20TH ST

Year	Uses	Source
1954	Lewis Lena T Mrs EX	R. L. Polk & Co.
	LEWIS FRED ER	R. L. Polk & Co.
1948	Lewis L B	Los Angeles Directory Co.
1933	HERMANSON E A	Los Angeles Directory Co.

FINDINGS

1224 1/2 20TH ST

Year	Uses	Source
1985	WOLFE CHAS	Pacific Bell

1225 20TH ST

Year	Uses	Source
1976	Todd Willie B Mrs	Pacific Telephone

1227 20TH ST

Year	Uses	Source
1976	Jackson Donald	Pacific Telephone

1228 20TH ST

Year	Uses	Source
1991	PRESHERKIP	Pacific Bell
	Presher Kip	Pacific Bell
1980	Nielsen N	Pacific Telephone
1975	NIELSEN N	Pacific Telephone
1958	GIROUX FRED L	Pacific Telephone
1954	Smith Annette M Mrs EX	R. L. Polk & Co.
	Wilson Mahala Mrs EX	R. L. Polk & Co.
	HEISE KENNETH C	R. L. Polk & Co.
1948	Smith A M Mrs	Los Angeles Directory Co.
	Marble Orville	Los Angeles Directory Co.
1933	LEACH J B	Los Angeles Directory Co.

1228 1/2 20TH ST

Year	Uses	Source
1975	HINDLE B M	Pacific Telephone
1970	HINDLE B M	Pacific Telephone
1965	HINDLE B	Pacific Telephone
1962	SMITH ANNETTE M	Pacific Telephone
1958	SMITH ANNETTE M	Pacific Telephone

1230 20TH ST

Year	Uses	Source
1965	ROSENBERG MARTHA	Pacific Telephone

1233 20TH ST

Year	Uses	Source
2008	CREATE & INNOVATIVE	Cole Information Services

FINDINGS

Year	Uses	Source
1991	EISENHARDTL	Pacific Bell
	Eisenhardt L	Pacific Bell
	Kageorgis Vasilis	Pacific Bell
	KAGEORGISVASILIS SANTA MONICA	Pacific Bell
1985	EISENHARDT RAY C	Pacific Bell
	KAGEORGIS VASILIS	Pacific Bell
	KERILS G G	Pacific Bell
	LEVENSOHN M	Pacific Bell
1980	Levesssohn M	Pacific Telephone
	Williams R	Pacific Telephone
	Drainas Constantlin	Pacific Telephone
	Draine Rh	Pacific Telephone
	Eisenhardt Ray C	Pacific Telephone
	Keris G G	Pacific Telephone
1975	EISENHARDT RAY C	Pacific Telephone
	KALIMAMN DOROTHY	Pacific Telephone
	KERIS G G	Pacific Telephone
	LEVENSOHN M	Pacific Telephone
	POLLEY CHAS	Pacific Telephone
1970	BUZA ANDY	Pacific Telephone
	EISENHARDT RAY C	Pacific Telephone
	PARLEY DENNIS	Pacific Telephone
	POLLEY CHAS	Pacific Telephone
1965	BARKER WALTER J	Pacific Telephone
	DONATONI LUCIA NI	Pacific Telephone
	FULTON PAUL D WEATHRSTRIPS	Pacific Telephone
	PARKER DONALD E	Pacific Telephone
1962	BARKER WAITER J	Pacific Telephone
	FULTON PAUL D WEATHISTRIPS	Pacific Telephone
	BENNETT BARBARA	Pacific Telephone
	BENNETT WOODARD C	Pacific Telephone
	CARPENTER CAROLE	Pacific Telephone
1958	BARKER WALTER J	Pacific Telephone
	BRANDT BILL	Pacific Telephone
	EMBODY ELLEN MAR VISTA1MI S	Pacific Telephone
	FULTON PAUL D WEATHRSTRIPS	Pacific Telephone
	RICKAHAUGH VIOLA E	Pacific Telephone
	WILBUR DON L	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	Vacant	R. L. Polk & Co.
1948	Philbrook L F	Los Angeles Directory Co.
1933	VACANT	Los Angeles Directory Co.

1234 20TH ST

Year	Uses	Source
1991	COLE LAURA	Pacific Bell
	NEVILLE PAUL R	Pacific Bell
	Neville Paul R	Pacific Bell
	Cole Lester H& Esther D MAR VISTA 3978702	Pacific Bell
	Cole Laura	Pacific Bell
1980	Carter M	Pacific Telephone
	Lange S	Pacific Telephone
1965	BURKE DOROTHY	Pacific Telephone
1964	SHAVELY LAWRENCE S SAN PEDRO	Pacific Telephone
1962	BURST DAVID M	Pacific Telephone
	BURKE DOROTHY	Pacific Telephone
1958	DURST DAVID M	Pacific Telephone
	MCHETT EDW L	Pacific Telephone
1948	Arnold D B	Los Angeles Directory Co.
1933	MORGAN J W (O)	Los Angeles Directory Co.

1234B 20TH ST

Year	Uses	Source
1975	BREWER ROSELINE MRS	Pacific Telephone
1970	BREWER ROSELINE MRS	Pacific Telephone

1235 20TH ST

Year	Uses	Source
1985	RAMOS ALEX	Pacific Bell
1970	NAKIC VINKO	Pacific Telephone
1964	IACONO FRANK	Pacific Telephone
1960	IACONO FRANK	Pacific Telephone
1957	TRUEX TRACY T	Pacific Telephone
1954	TRUEX TRACY T R	R. L. Polk & Co.
1950	TRUEX TRACY TR	Pacific Telephone

FINDINGS

1236 20TH ST

Year	Uses	Source
1954	Rogan Mary M Mrs	R. L. Polk & Co.
1948	Stellwagen Wm	Los Angeles Directory Co.
1933	PERSHA ANDW	Los Angeles Directory Co.

1237 20TH ST

Year	Uses	Source
1962	ALLMAN CHAS D	Pacific Telephone
1958	ALLMAN CHAS D	Pacific Telephone
1954	ALMANI CHAS D	R. L. Polk & Co.
	Allman Chas D EX	R. L. Polk & Co.
1948	Holmes H R	Los Angeles Directory Co.
1933	VACANT	Los Angeles Directory Co.

1238 20TH ST

Year	Uses	Source
1958	CONAHAN G P	Pacific Telephone
1954	ROGAN F R	R. L. Polk & Co.
	Ewing Earl R	R. L. Polk & Co.
	Rogan Magdaline E Mrs EX	R. L. Polk & Co.
1948	ONeil E D Mrs	Los Angeles Directory Co.
1933	COREY J R	Los Angeles Directory Co.

1239 20TH ST

Year	Uses	Source
2008	TRAINING ADVENTURE	Cole Information Services
	FARAWAY TREASURES	Cole Information Services
2006	APARTMENTS	Haines Co., Inc.
	BUDRIS Lance	Haines Co., Inc.
	FIELD Liza	Haines Co., Inc.
	GUERRAB	Haines Co., Inc.
	HERNANDEZEll Iott	Haines Co., Inc.
	HTUAung	Haines Co., Inc.
	KESHAVARZIAN	Haines Co., Inc.
	Mehran	Haines Co., Inc.
	MELLORM	Haines Co., Inc.
	ZIAKathy	Haines Co., Inc.
1991	Haiti Samad	Pacific Bell
	Miler C	Pacific Bell

Year	Uses	Source
1991	Neptune Development	Pacific Bell
	Pack Dee	Pacific Bell
	Pack Frank 2046831	Pacific Bell
	HAITISAMAD	Pacific Bell
	MILERC	Pacific Bell
	NEPTUNE DEVELOPMENT	Pacific Bell
	PACK DEE	Pacific Bell

1243 20TH ST

Year	Uses	Source
1985	RUSSO LOUIS ANTHONY	Pacific Bell
	RUSSO LOUIS ANTHONY	Pacific Bell
1975	COEN LARRY	Pacific Telephone
1970	LAY KENNETH MD SANTA MONICA	Pacific Telephone
1965	HENRY A M	Pacific Telephone
1962	BEADLE BETTY M	Pacific Telephone
1958	BEADLE ALFRED J	Pacific Telephone
	BEADLE BEATRICE M	Pacific Telephone
1954	ELFORD DELIA MRS	R. L. Polk & Co.
	SIMPSON EILEEN	R. L. Polk & Co.
	Elford Delia EX	R. L. Polk & Co.
	Simpson Eileen Mrs EX	R. L. Polk & Co.
1948	Bales D W	Los Angeles Directory Co.

1244 20TH ST

Year	Uses	Source
1933	VACANT	Los Angeles Directory Co.
1920	Perry W Li	Los Angeles Directory Co.

1245 20TH ST

Year	Uses	Source
1985	KELLY PETER	Pacific Bell
1980	Spencer K	Pacific Telephone
	Spencer Josephine C	Pacific Telephone
1958	MURNANE BETTY	Pacific Telephone
	MCCONNELL PATTY	Pacific Telephone
	MVALONEY ALICE	Pacific Telephone
	KEELEY RITA M	Pacific Telephone
1954	Fichel Fred pntr EX	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	Young Etta Mrs EX	R. L. Polk & Co.
	YOUNG ETTA	R. L. Polk & Co.
	EDWARDS VILMARN	R. L. Polk & Co.
1948	Ocana Isador	Los Angeles Directory Co.
1933	VACANT	Los Angeles Directory Co.

1245 1/2 20TH ST

Year	Uses	Source
1985	KIM JONG	Pacific Bell
1970	SPENCER JOSEPHINE C	Pacific Telephone
	SPENCER BRUCE L	Pacific Telephone
1965	SPENCER BRUCE L	Pacific Telephone
	SPENCER JOSEPHINE G	Pacific Telephone
1958	FARRIN CLIFTON D	Pacific Telephone
1933	VACANT	Los Angeles Directory Co.

1247 20TH ST

Year	Uses	Source
1970	MARKS JOHN	Pacific Telephone
1964	MARKS JOHN	Pacific Telephone
1960	MARKS JOHN	Pacific Telephone
1957	MARKS JOHN	Pacific Telephone
1954	MARKS JOHN R	R. L. Polk & Co.
1950	MARKS JOHN R	Pacific Telephone

1249 20TH ST

Year	Uses	Source
1991	Lams Rene	Pacific Bell
	LAMSRENE	Pacific Bell
1985	KIRLIN MAGGIE	Pacific Bell
	MENDONCA H A	Pacific Bell
	WATSON WM	Pacific Bell
1980	Kirlin Maggie	Pacific Telephone
	Mendonca H A	Pacific Telephone
	Watson Wm	Pacific Telephone
	White Velma	Pacific Telephone
1975	EVANS J L MRS	Pacific Telephone
	HARLEY WM F	Pacific Telephone
	HOTCHKISS HR	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	MENDONCA H A	Pacific Telephone
1970	MCDOWELL VELMA	Pacific Telephone
	NOBLE ETTA MAE	Pacific Telephone
	RENEAU ZELMA	Pacific Telephone
1965	ASKAR MARILYN C	Pacific Telephone
	BAKER ROBT H	Pacific Telephone
	BENDSCHNEIDER FRANK-E	Pacific Telephone
	EISEEHARDT RAY C	Pacific Telephone
	KUEHNER J	Pacific Telephone
	DE WAIT LUCLLLE	Pacific Telephone
1962	DE WALT LUCILLE	Pacific Telephone
	EISENHARDT RAY C	Pacific Telephone
	RODDY THOS A	Pacific Telephone
	WILSON LUCY	Pacific Telephone
	ZURCHER CLARENCE	Pacific Telephone
1958	BINNS WM	Pacific Telephone
	COREY IDA MRS	Pacific Telephone
	DE WALT LUCILLE R	Pacific Telephone
	EISENHARDT RAYC	Pacific Telephone
	KING KENNETH T	Pacific Telephone
1954	a Eisenhardt Raymond C EX	R. L. Polk & Co.
	b Moorman Roy W EX	R. L. Polk & Co.
	c Corey Ida A Mrs EX	R. L. Polk & Co.
	d Evans Geo A	R. L. Polk & Co.
	e Winbauer Eug R EX	R. L. Polk & Co.
	f Gragg Francis A	R. L. Polk & Co.
	COREY IDA MRS	R. L. Polk & Co.
	DE WALT LUCILLER	R. L. Polk & Co.
	EISENHARDT RAY C	R. L. Polk & Co.
1948	Rowe H G	Los Angeles Directory Co.
	Corey I A Mrs	Los Angeles Directory Co.
	Evans G A	Los Angeles Directory Co.
	Gados Albt	Los Angeles Directory Co.
	Stillwagon L L	Los Angeles Directory Co.
1933	DE WALT H G	Los Angeles Directory Co.

1249B 20TH ST

Year	Uses	Source
1958	WHITMORE VIRGIL	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	MOORMAN ROY W	R. L. Polk & Co.
1933	MAYORGA G W	Los Angeles Directory Co.

1249C 20TH ST

Year	Uses	Source
1933	BURTON HOWARD	Los Angeles Directory Co.

1249D 20TH ST

Year	Uses	Source
1933	GOFORTH E B MRS	Los Angeles Directory Co.

1249E 20TH ST

Year	Uses	Source
1933	PRESLEY JANE	Los Angeles Directory Co.

1249F 20TH ST

Year	Uses	Source
1965	GRAGG ALLAN F	Pacific Telephone
1962	GRAGG ALLAN F	Pacific Telephone
1958	GRAGG ALLAN F	Pacific Telephone
1954	DIAMOND DOROTHY F	R. L. Polk & Co.
1933	DENTON B A	Los Angeles Directory Co.

1251 20TH ST

Year	Uses	Source
1976	Steward Ophielia	Pacific Telephone

1253 20TH ST

Year	Uses	Source
1980	LLEWELLYN HENRY A SAN PEDRO	Pacific Telephone

1255 20TH ST

Year	Uses	Source
2013	AMBROSE	Cole Information Services
	AMBROSE	Cole Information Services
2008	THE AMBROSE HOTEL	Cole Information Services
	THE AMBROSE HOTEL	Cole Information Services
2006	AMBROSETHE	Haines Co., Inc.
	THE AMBROSE	Haines Co., Inc.
1991	Cline B	Pacific Bell
	Cline C VENICE 396768	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Erohin WmVasily	Pacific Bell
	Erol H Ali	Pacific Bell
	Eror A BEL AIR 4715152	Pacific Bell
	Eroy R LOS ANGELES 4759858	Pacific Bell
	Erpel Herbert	Pacific Bell
	Harmon JR	Pacific Bell
	Heberly Katie	Pacific Bell
	Son Aeza	Pacific Bell
	CLINE B	Pacific Bell
	EROHINWM(VASILY)	Pacific Bell
	HARMONJR	Pacific Bell
	HEBERLYKATIE	Pacific Bell
	SON AEZA	Pacific Bell
1985	CLINE B	Pacific Bell
	EROHIN WM (VASILY)	Pacific Bell
	HARMON J R	Pacific Bell
	HEBERLY KATIE	Pacific Bell
1980	CHANG W AHN & ASSOCIATES	Pacific Telephone
	Chang Walter	Pacific Telephone
	Cline B	Pacific Telephone
	Erohin WmVasily	Pacific Telephone
	Eroshevich Khris	Pacific Telephone
	Evanenko Ella	Pacific Telephone
	Harmon J R	Pacific Telephone
	Kenyon Jan L	Pacific Telephone
	Me Coy EE	Pacific Telephone
	Whalen R Salvador	Pacific Telephone
1975	CLINE B	Pacific Telephone
	MCCOY E E	Pacific Telephone
	EROHIN WM	Pacific Telephone
	EVANENKO ELLA	Pacific Telephone
	GRAIN R A	Pacific Telephone
	KENYON JAS L	Pacific Telephone
	MASON VIRGINIA	Pacific Telephone
	MC VEY ROSE A	Pacific Telephone
1970	STEGATH J	Pacific Telephone
	MASON VIRGINIA	Pacific Telephone
	MCCOY ESTHER E	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	MICDONNELL BERNICE	Pacific Telephone
	MCVEY ROSE A	Pacific Telephone
	EROHIN WM	Pacific Telephone
	GRAIN RUTH	Pacific Telephone
	JACKSON W H MRS	Pacific Telephone
	MAGUILL NETA C	Pacific Telephone
1965	GRAIN RUTH	Pacific Telephone
	JACKSONI WV H MRS	Pacific Telephone
	MAGUILL NMTA C	Pacific Telephone
	CLAYWELL BERT R	Pacific Telephone
	EROHIN WM	Pacific Telephone
	MCVEY ROSE A	Pacific Telephone
1962	CLAYWELL BERT R	Pacific Telephone
	PEEPLES ANNALEE MRS	Pacific Telephone
	EROHIN WM	Pacific Telephone
	GARRISON ELLA P MRS	Pacific Telephone
	GRAIN RUTH	Pacific Telephone
	LEACH PATRICIA A	Pacific Telephone
	PULSIPHER JOAN C	Pacific Telephone
	SCHAEFFER JOS P	Pacific Telephone
1958	ANDERSON PORTIA	Pacific Telephone
	GARRISON ELLA P MRS	Pacific Telephone
	GRAIN RUTH R	Pacific Telephone
	MLICHEL FAY L	Pacific Telephone
	PEEPLES ANNALEE MVRS	Pacific Telephone
	ROLLINGS WILLIAMS M DR	Pacific Telephone
	STUART ROBT J	Pacific Telephone
1954	STUART ROBT J	R. L. Polk & Co.
	SYLVIA EDITH L	R. L. Polk & Co.
	a Quinlan Jas T EX	R. L. Polk & Co.
	b Seebeck Danl	R. L. Polk & Co.
	c Garrison Ella Mrs EX	R. L. Polk & Co.
	d Simcosky Helen M Mrs EX	R. L. Polk & Co.
	e Grain C A Mrs EX	R. L. Polk & Co.
	f Jackson Caroll Mrs	R. L. Polk & Co.
	g Geis Jay H EX	R. L. Polk & Co.
	Stuart Robt J	R. L. Polk & Co.
	h Sylvia Edith L EX	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	j Stuart Robt J EX	R. L. Polk & Co.
	GRAIN RUTH R	R. L. Polk & Co.
	QUINLAN JAS T	R. L. Polk & Co.
1948	Eichler Em Mrs	Los Angeles Directory Co.
	Williams S B	Los Angeles Directory Co.
	Clancy J F	Los Angeles Directory Co.
	Morris Daisie E	Los Angeles Directory Co.
	Grain Ruth A	Los Angeles Directory Co.
	Henderson P T	Los Angeles Directory Co.
	Ayer W M	Los Angeles Directory Co.
	Osterholt W S	Los Angeles Directory Co.
	Pagh M W	Los Angeles Directory Co.
	Kelley G A	Los Angeles Directory Co.

1255A 20TH ST

Year	Uses	Source
1965	MORRIS FRANR W	Pacific Telephone
1962	MORRIS FRANK W	Pacific Telephone

1255B 20TH ST

Year	Uses	Source
1962	SIMS NELL F	Pacific Telephone
1958	SIMS NELL F	Pacific Telephone

1255D 20TH ST

Year	Uses	Source
1958	MORRIS DAISIE E R	Pacific Telephone
	SIMCOSKY HELEN II MRS R	Pacific Telephone
1954	SLMCOSKY HELEN M MRS R	R. L. Polk & Co.
	MORRIS DAISIE E R	R. L. Polk & Co.

1255F 20TH ST

Year	Uses	Source
1965	WINTER WM	Pacific Telephone

1255I 20TH ST

Year	Uses	Source
1965	EVANENKO ELLA	Pacific Telephone
1958	EVANENKO ELLA	Pacific Telephone

FINDINGS

1255J 20TH ST

Year	Uses	Source
1962	GELS JAY H	Pacific Telephone
1958	GEIS JAY H	Pacific Telephone
1954	GELS JAY H	R. L. Polk & Co.

1257 20TH ST

Year	Uses	Source
1976	Morgan Wm	Pacific Telephone
	Morgan Wm	Pacific Telephone
	Tyler J Johnson	Pacific Telephone

1258 20TH ST

Year	Uses	Source
1920	Sheeley J Wj	Los Angeles Directory Co.

1267 20TH ST

Year	Uses	Source
1964	SCHWIMMER IRENE SAN PEDRO	Pacific Telephone

1285 20TH ST

Year	Uses	Source
1970	KNIGHT OLIVE MRS	Pacific Telephone
1960	CHRISTENSEN A W MRS	Pacific Telephone
1957	CHRISTENSEN A W MRS	Pacific Telephone
1954	CHRISTENSEN A W R	R. L. Polk & Co.
1950	CHRISTENSEN A W R	Pacific Telephone

1301 20TH ST

Year	Uses	Source
2013	PHILLIPS ALBERT MD	Cole Information Services
	SO CALIF GASTRO GROUP	Cole Information Services
	DALTON JOHN W JR MD	Cole Information Services
	DIACO NICHOLAS MD	Cole Information Services
	BENNETT RICHARD G MD	Cole Information Services
	HASSERJIAN HENRY K MD	Cole Information Services
	HU ENTERPRISES	Cole Information Services
	BURROWS JAMES MD	Cole Information Services
	GRUNWALD	Cole Information Services
	NEEDLE DDS STEPHEN	Cole Information Services
	MOBIN MEDICAL CORP MD	Cole Information Services

FINDINGS

Year	Uses	Source
2013	SAJEDI EBRAHIM MD	Cole Information Services
	SHAH DIPTI R MD	Cole Information Services
	ST JOHNS MEDICAL PLAZA SLEEP DISORD	Cole Information Services
	WESTSIDE NEPHROLOGY MEDICAL GROUP IN	Cole Information Services
	HAYES TIMOTHY J MD	Cole Information Services
	IMAGE MANAGEMENT CONSULTANTS INC	Cole Information Services
	KARAMANOUKIAN RAFFY MD INC	Cole Information Services
	KUHN GILBERT J MD	Cole Information Services
	MASON GEORGE MD	Cole Information Services
	SOUTHERN CALIFORNIA HEAD & NECK ME	Cole Information Services
	USC ATHESTIC RESIDENT CLINIC	Cole Information Services
	ROTH RONALD C MD	Cole Information Services
	ANASTASI JAMES L MD	Cole Information Services
	DANESHRAD PAYAM MD INC	Cole Information Services
	KANENGISER LEWIS R MD	Cole Information Services
	KOAN CENTER FOR INTEGRATED AESTHETIC	Cole Information Services
	GELLER BERNARD D MD	Cole Information Services
	GRABIE MORRIS T MD	Cole Information Services
	NAIEM SHAHRAM DR MD	Cole Information Services
	NEEDLE STEPHEN E DDS	Cole Information Services
	PACIFIC COAST PLASTIC SURGERY CENTER	Cole Information Services
	PHILLIPS ALBERT MD DAY OR NIGHT	Cole Information Services
	PULLEN WM A MD	Cole Information Services
	MEDICAL PLAZA ORTHOPEDIC SURGERY CEN	Cole Information Services
	MILLER CHIP ST KEVIN MD	Cole Information Services
	VERDURE LIFESTYLES INC	Cole Information Services
	REYNARD MICHAEL MD	Cole Information Services
	20TH STREET SURGERY CNTR LLC	Cole Information Services
	WATSON JAMES P MD	Cole Information Services
	WISHAN MELVIN S DDS MDS	Cole Information Services
	ADAIR ROBT J MD	Cole Information Services
	BATRA SONIA R MD INC	Cole Information Services
	LEVIN ROBERT MD	Cole Information Services
	KAWAMOTO HENRY K JR MD	Cole Information Services

FINDINGS

Year	Uses	Source
2013	MORAN JAMES J M	Cole Information Services
	SANTA MONICA GYNECOLOGICALOBSTETRIC	Cole Information Services
	SIEGEL ELLIOT MD INC	Cole Information Services
	SPIEGEL JANE SINDEN MD MSPH	Cole Information Services
	TOWER WOUND CARE OF SANTA MONICA	Cole Information Services
	ANDREWS ROBERT MD	Cole Information Services
	HAYDEN BARBARA B MD	Cole Information Services
	GARWOOD J LAWRENCE MD	Cole Information Services
	GOLDMAN ELLIOT L MD	Cole Information Services
	PRAGER JOSHUA MD	Cole Information Services
	SOUTHERN CALIFORNIA HEAD	Cole Information Services
	RAMER SANDRA J MD	Cole Information Services
	RESPIRATORY CONSULTANTS OF SANTA MON	Cole Information Services
	RICOKUSI ASSOCIATES	Cole Information Services
	WAGNER WILLIS H	Cole Information Services
	CARDIOLOGY CONSULTANTS OF SANTA MONI	Cole Information Services
	HUMMER WILLIAM K MD	Cole Information Services
	NACHMAN MARK MD	Cole Information Services
	MORAN JAMES J M MD	Cole Information Services
	VASCULAR SURGERY ASSOCIATES MEDICAL	Cole Information Services
	COHEN J LOUIS	Cole Information Services
	BACH JOVANKA MD	Cole Information Services
	BUTLER DAVID M MD	Cole Information Services
	GROSSMAN KAREN	Cole Information Services
	MCGUIRE MICHAEL F MD FACS	Cole Information Services
	TEITELBAUM STEVEN MD	Cole Information Services
	CIESLA THOS K MD INC	Cole Information Services
2008	THOMAS K CIESLA MD INC	Cole Information Services
	BEN BHUPENDRA PRADHAN INC	Cole Information Services
	HARVEY A ZAREM MD	Cole Information Services
	HYUN W BAE MD A PROFESSIONAL CORP	Cole Information Services
	OREGON RANCHING CO	Cole Information Services
	TIMOTHY T DAVIS MD	Cole Information Services
	SANDRA J RAMER MD	Cole Information Services
	WESTSIDE MEDICAL CORP	Cole Information Services

FINDINGS

Year	Uses	Source
2008	WESTSIDE SURGERY CENTER	Cole Information Services
	SEGAL & MOBIN MDS	Cole Information Services
	ST JOHNS MEDICAL PLAZA	Cole Information Services
	WILLIAM A PULLEN MD	Cole Information Services
	MEDICAL PLAZA ORTHOPEDIC SGY	Cole Information Services
	RUTH M CARR	Cole Information Services
	LEWIS R KANENGISER MD	Cole Information Services
	RESPIRATORY CONSULTANTS OF SANTA MON	Cole Information Services
	RICK DELAMARTER MD INC	Cole Information Services
	INTERNAL MEDICINE NEPHROLOGY	Cole Information Services
	PACIFIC SURGICENTER INC	Cole Information Services
	GJPL INC	Cole Information Services
	KANTOLA BENNETT W INC	Cole Information Services
	GOLDMAN ELLIOT L MD	Cole Information Services
	ALIK FARBER	Cole Information Services
	WILLIS H WAGNER	Cole Information Services
	CARDIOL CONS SANTA MONICA	Cole Information Services
	PHILLIP LEVIN	Cole Information Services
	KARE PLASTIC SURGERY & AESTHETIC CEN	Cole Information Services
	KROPF MICHAEL A	Cole Information Services
	SAINT JOHN PLAZA EYE MEDICAL GROUP	Cole Information Services
	WESTSIDE NEPHROLOGY MEDICAL GROUP	Cole Information Services
	MARK NACHMAN A PROFESSIONAL CORP	Cole Information Services
	MODERN PARKING	Cole Information Services
	MEDICAL BILLING SERVICE OF SANTA MON	Cole Information Services
	SIEGEL & REYNARD MDS	Cole Information Services
	JAMES A TWEEDIE MD	Cole Information Services
	MCGUIRE MICHAEL F MD FACS PLASTIC SU	Cole Information Services
	COHEN J LOUIS	Cole Information Services
	LOWRY SHERRY R	Cole Information Services
	THE SPINE INSTITUTE	Cole Information Services
	GELLER BERNARD MD	Cole Information Services
	KUHN THOMAS L MD	Cole Information Services
	BACH JOVANKA MD	Cole Information Services

FINDINGS

Year	Uses	Source
2008	HILLCREST MEDICAL CLINIC	Cole Information Services
	JAMES L ANASTASI MD	Cole Information Services
	MJ OPTIKAL	Cole Information Services
	ELLIOT SIEGEL MD INC	Cole Information Services
	TIMOTHY J HAYES MD MPH	Cole Information Services
	BEDFORD RUDOLPH A MD	Cole Information Services
	A NEW LOOK	Cole Information Services
	SOUTHERN CALIFORNIA HEAD & NECK	Cole Information Services
	SPINE RESEARCH FOUNDATION	Cole Information Services
	WOHLGELERNTER DANIEL DR	Cole Information Services
	MANDELBAUM BERT R MD	Cole Information Services
	RAFFY KARAMANOUKIAN MD INC	Cole Information Services
	ENDOSCOPY CENTER SOUTHERN CAL	Cole Information Services
	KAO CHIA CHI MD	Cole Information Services
	KAWAMOTO H K JR MD DDS	Cole Information Services
	KNAPP THOMAS P MD	Cole Information Services
	NICHOLAS V DIACO MD	Cole Information Services
	RICHARD BENNETT MD	Cole Information Services
	KRIEGER JEFFREY L	Cole Information Services
	HARWITT MARCH H MD	Cole Information Services
	DALTON JOHN W JR MD	Cole Information Services
	FOUNDATION FOR SURGICAL RECONSTRUCTI	Cole Information Services
	WOOTTON GARETH D	Cole Information Services
	MILLER CHIP SAINT KEVIN MD	Cole Information Services
	NEW LOOK PLASTIC SURGERY MEDICAL GRO	Cole Information Services
	BARBARA HAYDEN MD	Cole Information Services
	KUHN GILBERT J MD	Cole Information Services
	DR KENNETH J HOFFER MD	Cole Information Services
	DENNIS P THOMPSON MD	Cole Information Services
	SANTA MONICA OB GYN MEDICAL GROUP	Cole Information Services
	BURROWS JAMES MD	Cole Information Services
	SOUTHERN CA MEDICAL GASTROENTEROLOGY	Cole Information Services
	JAMES J MORAN MD	Cole Information Services
	SELLMAN JOHN R MD	Cole Information Services
	RONALD C ROTH MD	Cole Information Services

FINDINGS

Year	Uses	Source
2008	PACIFIC COAST PLASTIC SURGERY	Cole Information Services
	GRABIE MORRIS T MD	Cole Information Services
	HORACEK KENTON S MD	Cole Information Services
	ALBERT J PHILLIPS MD INC	Cole Information Services
	SAINT JOHNS MEDICAL PLAZA PHARMACY	Cole Information Services
	SANTA MONICA GYNECOLOGICAL &	Cole Information Services
	SAM ALEXANDER	Cole Information Services
	JOHN L GARWOOD MD	Cole Information Services
	JOAN FELTMAN MD	Cole Information Services
	LEVIN ROBERT MD	Cole Information Services
	LISA L JEWELL MD	Cole Information Services
	CORLIN RICHARD F MD	Cole Information Services
	TEITELBAUM & GROSSMAN MDS	Cole Information Services
	KANENGISER & PULLEN MDS	Cole Information Services
	KAO PLASTIC SURGERY MEDICAL CORP	Cole Information Services
2006	BUILDING	Haines Co., Inc.
	ADAIR ROBTJ MD	Haines Co., Inc.
	ADAMS JOHN M JR	Haines Co., Inc.
	AFSHANI PARVIZ D	Haines Co., Inc.
	ALEXANDER SAM H	Haines Co., Inc.
	ALLERGY&CLNCL	Haines Co., Inc.
	IMMNLGY MED GRP	Haines Co., Inc.
	ANASTASI JAMES L	Haines Co., Inc.
	ANDREWSROBERT	Haines Co., Inc.
	ANTIMARINO	Haines Co., Inc.
	JEFFREY R MD	Haines Co., Inc.
	BACHJOVANKAMD	Haines Co., Inc.
	BEDFORD RUDOLPH	Haines Co., Inc.
	A SO CA MED	Haines Co., Inc.
	BENNETTRICHARD	Haines Co., Inc.
	BURROWS JAMES E	Haines Co., Inc.
	BUTLERDAVID M	Haines Co., Inc.
	CARDIOLOGY	Haines Co., Inc.
	CNSLTS MED GRP	Haines Co., Inc.
	CARR RUTH M MD	Haines Co., Inc.
	CIESLATHOS K MD	Haines Co., Inc.
	COHENJLOUIS	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	CORUN RICHARD F	Haines Co., Inc.
	COSSMAN DAVID	Haines Co., Inc.
	DALTONJOHNWJR	Haines Co., Inc.
	DAVIS CAROL MD	Haines Co., Inc.
	DAVIS TIMMOTHY	Haines Co., Inc.
	DAWSON EDGAR	Haines Co., Inc.
	DEE ORSON R MD	Haines Co., Inc.
	DELAMARTER RICK	Haines Co., Inc.
	DEVGANUDAYMD	Haines Co., Inc.
	DIACO NICHOLAS V	Haines Co., Inc.
	EHRHART KEVIN M	Haines Co., Inc.
	FOUNDATION FOR	Haines Co., Inc.
	SRGCL RCNSTRCTN	Haines Co., Inc.
	GARWOODJ L MDA	Haines Co., Inc.
	MED CORP	Haines Co., Inc.
	GELLER BERNARD	Haines Co., Inc.
	GOLDMAN ELLIOT L	Haines Co., Inc.
	GOWEYRONALDJ	Haines Co., Inc.
	GRABIE MORRIS T	Haines Co., Inc.
	GREEN CATHY MD	Haines Co., Inc.
	GROSSMAN KAREN	Haines Co., Inc.
	HABERMANPAUL B	Haines Co., Inc.
	HARWITTMARC H	Haines Co., Inc.
	HASSERJIAN HENRY	Haines Co., Inc.
	HAYDENBARBARA	Haines Co., Inc.
	HAYESTIMOTHYJ	Haines Co., Inc.
	HEKMAT S MD	Haines Co., Inc.
	HIERRO MARTHA E	Haines Co., Inc.
	HORACEKKENTON	Haines Co., Inc.
	HUMMERWMDFOR	Haines Co., Inc.
	APPNTMNTS CLL	Haines Co., Inc.
	HUMMERWM K MD	Haines Co., Inc.
	KANENGISER LEWIS	Haines Co., Inc.
	KANTOLABENNETT	Haines Co., Inc.
	KAO CHIACHI MD	Haines Co., Inc.
	KAO PLASTIC	Haines Co., Inc.
	SURGERY	Haines Co., Inc.
	KAWAMOTO HENRY	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	KJRMD	Haines Co., Inc.
	KNAPPTHOMAS P	Haines Co., Inc.
	KROPF MICHAEL MD	Haines Co., Inc.
	KUHN GILBERTJ JR	Haines Co., Inc.
	KUN THOMAS L MD	Haines Co., Inc.
	LAIN THOMAS	Haines Co., Inc.
	MICHAEL MD	Haines Co., Inc.
	LAUTERBACH	Haines Co., Inc.
	STEPHEN	Haines Co., Inc.
	LEVIN PHILUP	Haines Co., Inc.
	LEVIN ROBT E MD	Haines Co., Inc.
	LOWRYSHERRYR	Haines Co., Inc.
	MANDELBAUM	Haines Co., Inc.
	BERT RMD	Haines Co., Inc.
	MCGUIRE MICHAEL	Haines Co., Inc.
	OMEDICAL PLZ	Haines Co., Inc.
	ORTHPDCSRGRY	Haines Co., Inc.
	MILLER CHIP ST	Haines Co., Inc.
	KEVIN MD	Haines Co., Inc.
	MODABBER RAMIN	Haines Co., Inc.
	MODERN PARKING	Haines Co., Inc.
	MOORELISAMD	Haines Co., Inc.
	MORAN JAMES J MD	Haines Co., Inc.
	MORAN JMS J M	Haines Co., Inc.
	FOR APPNTMNTS	Haines Co., Inc.
	NACHMANMARK	Haines Co., Inc.
	NAIEM SHAHRAM	Haines Co., Inc.
	PAC COAST PLSTC	Haines Co., Inc.
	SURGERYCT INC	Haines Co., Inc.
	PACIFIC	Haines Co., Inc.
	SURGICENTER	Haines Co., Inc.
	PHILUPSALBRTMD	Haines Co., Inc.
	POWERS MARYA	Haines Co., Inc.
	MD FACS	Haines Co., Inc.
	PRAGERJOSHUA	Haines Co., Inc.
	PULLEN WM A MD	Haines Co., Inc.
	RAMERSANDRAJ	Haines Co., Inc.
	RAO RAJEEV	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	Resn ICK JEFFREY I	Haines Co., Inc.
	Resp IRATORY	Haines Co., Inc.
	CNSLTNTSSNTA	Haines Co., Inc.
	REYNARDMICHAEL	Haines Co., Inc.
	ROTH RONALD C MD	Haines Co., Inc.
	SAINT JOHNS MDCL	Haines Co., Inc.
	PLZPHAR	Haines Co., Inc.
	SAJEDI EBRAHIM	Haines Co., Inc.
	SEGAL HAROLD L	Haines Co., Inc.
	SELLMAN JOHN R	Haines Co., Inc.
	SHAH DIPTI R MD	Haines Co., Inc.
	SHIM ELISABETH K	Haines Co., Inc.
	SIEGEL ELLIOT MD	Haines Co., Inc.
	SMATKOANDREW	Haines Co., Inc.
	SNTA MNCA GYN	Haines Co., Inc.
	OB MED GRP APPTS	Haines Co., Inc.
	SNTAMNCA	Haines Co., Inc.
	ORTHOPEDIC	Haines Co., Inc.
	SOUTHRN CA HD	Haines Co., Inc.
	AND NCK MED GRP	Haines Co., Inc.
	SOUTHRN CA MED	Haines Co., Inc.
	GASTRO GRP INC	Haines Co., Inc.
	SPIEGEL JANE	Haines Co., Inc.
	SINDEN MD MSPH	Haines Co., Inc.
	SPINEINSTST	Haines Co., Inc.
	JOHNS HLTH CNTR	Haines Co., Inc.
	ST JOHNS MED PLZ	Haines Co., Inc.
	SLP DSRDR LB	Haines Co., Inc.
	STEIN ANDREA L MD	Haines Co., Inc.
	TEITELBAUM	Haines Co., Inc.
	STEVEN MD	Haines Co., Inc.
	THE SPINE	Haines Co., Inc.
	INSTITUTE	Haines Co., Inc.
	TWEEDIE JAMES A	Haines Co., Inc.
	VASCULAR SRGRY	Haines Co., Inc.
	ASC MED GRP	Haines Co., Inc.
	WAGNERWILLIS H	Haines Co., Inc.
	WEISS GREEN	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	CATHY MD	Haines Co., Inc.
	WESTSD SURGERY	Haines Co., Inc.
	CENTER	Haines Co., Inc.
	WESTSIDE	Haines Co., Inc.
	NEPHROLOGY	Haines Co., Inc.
	MEDICAL G	Haines Co., Inc.
	WOHLGELERNTER	Haines Co., Inc.
	DANL MD	Haines Co., Inc.
	WOOTTON GARETH	Haines Co., Inc.
	ZAREM HARVEYA	Haines Co., Inc.
1991	WATSON BLAKE HMO	Pacific Bell
	Adair Robt J MD	Pacific Bell
	ADAMS JOHN M JRMD	Pacific Bell
	Adams Thompson MD	Pacific Bell
	Allergy & Clinical Immunology Medical Group Inc	Pacific Bell
	Armbruster Geom D	Pacific Bell
	BENKETT RICHARD GMD	Pacific Bell
	Bezahler Stephen MD	Pacific Bell
	Blake Jas RMD	Pacific Bell
	Boasberg Peter MO	Pacific Bell
	Butler David MMD	Pacific Bell
	Campion Davkd SMD	Pacific Bell
	CARDIOLOGY CONSULTANTS OF SANTA MONICA A MEDICALGROUP INC	Pacific Bell
	Cardiology & Internal Medicine	Pacific Bell
	CARDIOLOGY CONSULTANTS OF SANTA MONICA A MEDICALGROUPINC	Pacific Bell
	Cardiology & Internal Medicine	Pacific Bell
	CESLATHOSKMDINC	Pacific Bell
	CORLIN RICHARD F MD Southern California Medical Gasnroenterology Group Inc	Pacific Bell
	Dalton John WJr MD	Pacific Bell
	Dalton Kippy LOS ANGELES 4472300	Pacific Bell
	Dalton Lee & Carrie VENICE 3010262	Pacific Bell
	Dalton M SANTA MONICA 4523491	Pacific Bell
	Dalton M PLAYA DEL REY 8216020	Pacific Bell
	Dalton MB SANTA MONICA 3940706	Pacific Bell
	DAVIEAETOILEMD	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Davie Marshall CJr PACIFIC PALISADES 4542990	Pacific Bell
	Dee Orson R MD	Pacific Bell
	Dee Roger 55	Pacific Bell
	Diaco Nicholas V MD	Pacific Bell
	EHRHART KEVIN MMD	Pacific Bell
	Follette David M MD	Pacific Bell
	Garwood J Lawrence MD	Pacific Bell
	Geller Bernard MD	Pacific Bell
	Goldenhersh Margaret JMD	Pacific Bell
	WYRONALDJMD	Pacific Bell
	GRABIE MORRIS T MD	Pacific Bell
	GRANTTODDTMD	Pacific Bell
	Grant Tom 2757409	Pacific Bell
	Haberman Paul MO a medical corporation	Pacific Bell
	Habefnan Paul BMo	Pacific Bell
	HASSERJIAN HENRY K MD	Pacific Bell
	Day Or ght Call	Pacific Bell
	po Ai Apopaments Call	Pacific Bell
	Hayes Timothy J Md	Pacific Bell
	Hekmat SMD	Pacific Bell
	Heric Thosmtt	Pacific Bell
	HOLVELESLUE MMD	Pacific Bell
	WORACEKKENTON S MD	Pacific Bell
	Horacias Janitorial Service	Pacific Bell
	HUMMERWMK MD Ofc	Pacific Bell
	HUTCHINSON WM B JR MD	Pacific Bell
	KAENGMSER LEWIS RMD	Pacific Bell
	KANTO L A BENNETT MD	Pacific Bell
	Kantola Bennett MD	Pacific Bell
	Kawamoeoo Henry KJr MD	Pacific Bell
	KOPPEL MARCEL MD FACP INC	Pacific Bell
	Koppelman David T	Pacific Bell
	Koppelman J WESTLOS ANGELES	Pacific Bell
	Koppelman R	Pacific Bell
	Koppen Teri	Pacific Bell
	Kuhn Gilbert JJr MD	Pacific Bell
	LTProfesslonal Inc	Pacific Bell
	Levin Robt EMD	Pacific Bell

FINDINGS

Year	Uses	Source
1991	M B& Nachmanmic	Pacific Bell
	MANDELBAUM BERT R MD	Pacific Bell
	Mandelbaum Dan 2763359	Pacific Bell
	Mkc Ebcen James AMD	Pacific Bell
	Mc Guire Michael F MD	Pacific Bell
	Mc Guire Michael MD	Pacific Bell
	Medical Interpretation Services Inc	Pacific Bell
	Medical Plaza Orthopedic Surgery Center	Pacific Bell
	Miller Chip St Kevin MD	Pacific Bell
	Motg Leonard	Pacific Bell
	Moran James JMMD	Pacific Bell
	Moran Jennifer WESTLOS ANGELES 4724545	Pacific Bell
	Nachman Mark MD	Pacific Bell
	Nachman N 6577845	Pacific Bell
	Nachman R 5591820	Pacific Bell
	Nedelman Arnold IMD	Pacific Bell
	Nelson Ronald JMD	Pacific Bell
	Newman David J MD	Pacific Bell
	Pacific Coast Plastic Surgery Center Inc	Pacific Bell
	Pacific Surgicenter	Pacific Bell
	PATERNO VICTORIA I MO	Pacific Bell
	Pullen Wm AMD	Pacific Bell
	Pulley Frederick WESTLOS ANGELES 4777874	Pacific Bell
	RAMER SANDRAJMD	Pacific Bell
	RESNICK JEFFREY I MD	Pacific Bell
	Reynard Michael MD	Pacific Bell
	Reynaud C WESTLOS ANGELES 4792318	Pacific Bell
	Ricketts Edw MD	Pacific Bell
	Rkketts K WESTWOOD	Pacific Bell
	Ricketts M VENICE 3993339	Pacific Bell
	hft Ronald CMD	Pacific Bell
	RAth SS	Pacific Bell
	It S SANTA MONICA 3 3948450	Pacific Bell
	Rudy Norman MD A Medical Corp	Pacific Bell
	SAINT JOHNS MEDICAL PLAZA PHARMACY	Pacific Bell

FINDINGS

Year	Uses	Source
1991	SANTA MONICA GYNECOLOGICAL OBSTETRICAL MEDICAL GROUP INC	Pacific Bell
	Day Or Night Call 8288585	Pacific Bell
	For Appointmern s Call 8288585	Pacific Bell
	SANTAMONICA ORTHOPEDIC	Pacific Bell
	Schaack Terry MD	Pacific Bell
	Schaad Rand 2020691	Pacific Bell
	Segal Harold LMD	Pacific Bell
	Segal Harriet 2785372	Pacific Bell
	Sherins Robt S MD A Medical Corporation	Pacific Bell
	Sherizly Urie 8381655	Pacific Bell
	Shoop Stephen MD	Pacific Bell
	SIEGEL RONALD S Mo Southern Caifornia Medical Gastroenterology Group Inc	Pacific Bell
	Skydell Jas L MD	Pacific Bell
	Skydiver Mongo	Pacific Bell
	Smith Rodney T MD	Pacific Bell
	Southern California Head And Neck Medical Group	Pacific Bell
	SOUTHERN CAUFORNIA MEDICAL GASTROENTEROLOGY GROUP INC	Pacific Bell
	SPIEGEL JANE SINDEN MD MSPH	Pacific Bell
	Foette David MMD 8285672	Pacific Bell
	Smith Rodney TMD 8285672	Pacific Bell
	Webb Roscoe C Jr MO 8285672	Pacific Bell
	TINGLOFBIRGER OJRMD	Pacific Bell
	Ofc	Pacific Bell
	Day Or Night Cal 18288585	Pacific Bell
	Wallen Roland EMDphys&surgs	Pacific Bell
	Watson Blake HMo	Pacific Bell
	Webb Roscoe CJr MO	Pacific Bell
	Webb S PACIFIC PALISADES 4594432	Pacific Bell
	WESTSIDE NEPHROLOGY MEDICAL GROUP INC	Pacific Bell
	WESTSIDE PEDIATRIC MEDICAL GROUP INC	Pacific Bell
	Wohlgelemter Dan I MD	Pacific Bell
	WOOTTON DGARETH MD	Pacific Bell
	ZAREMHARVEYAMD	Pacific Bell
	Zarem Janet R PACIFIC PALISADES	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Zarem Kevin	Pacific Bell
	Zaremba Arthur Dr SANTA MONICA 3998489	Pacific Bell
	ADAIR ROBTJ MD	Pacific Bell
	ADAMS JOHN M JRMD	Pacific Bell
	ADAMSTHOMPSONMD	Pacific Bell
	AFSHANI PARVIZ D M0 SOUTHERN CALIFORNIA MEDICAL GASTROENTEROLOGY GROUP INC	Pacific Bell
	ALLERGY & CLINICAL IMMUNOLOGY MEDICAL GROUP INC	Pacific Bell
	ARMBRUSTER GEOMD	Pacific Bell
	BENKETT RICHARD GMD	Pacific Bell
	BEZAHLER STEPHEN MD	Pacific Bell
	BLAKEJASRMD	Pacific Bell
	BOASBERGPETER MO	Pacific Bell
	BUTLER DAVID MMD	Pacific Bell
	CAMPIONDAVKDSMD	Pacific Bell
	CARDIOLOGY CONSULTANTS OF SANTA MONICA-A MEDICALGROUP INC	Pacific Bell
	CARDIOLOGY CONSULTANTS OF SANTA MONICA-A MEDICALGROUPINC	Pacific Bell
	CESLATHOSKMDINC	Pacific Bell
	CORLIN RICHARD F MD SOUTHERN CALIFORNIA MEDICAL GASNROENTEROLOGY GROUP INC	Pacific Bell
	DALTON JOHN WJRMD	Pacific Bell
	DAVIEAETOILEMD	Pacific Bell
	DIACONICHOLASV MD	Pacific Bell
	EHRHART KEVIN MMD	Pacific Bell
	GELLER BERNARDMD	Pacific Bell
	GOLDENHERSH MARGARET JMD	Pacific Bell
	WYRONALDJMD	Pacific Bell
	GRABIE MORRIS T MD	Pacific Bell
	GRANTTODDTMD	Pacific Bell
	HABERMAN PAULMO A MEDICAL CORPORATION	Pacific Bell
	HABEFNAN PAUL BMO	Pacific Bell
	HAYESTIMOTHY J MD	Pacific Bell
	HEKMATSMD	Pacific Bell
	HERICTHOSMTT	Pacific Bell

FINDINGS

Year	Uses	Source
1991	HOLVELESLUE MMD	Pacific Bell
	WORACEKKENTON S MD	Pacific Bell
	KAENGMSER LEWIS RMD	Pacific Bell
	KANTO L A BENNETT MD	Pacific Bell
	KANTOLABENNETTMD	Pacific Bell
	KAWAMOEOOHENRYKJRMD	Pacific Bell
	KOPPEL MARCEL MD FACP INC	Pacific Bell
	KUHN GILBERT JJRMD	Pacific Bell
	KUN THOS L MD SOUTHERN CALIFORNIA MEDICAL GASTROENTERMLOGY 6RUEPINC	Pacific Bell
	LTPROFESSLONAL INC	Pacific Bell
	LEVINROBTEMD	Pacific Bell
	M B& NACHMANMIC	Pacific Bell
	MANDELBAUM BERT R MD	Pacific Bell
	MKCEBCENJAMESAMD	Pacific Bell
	MCGUIRE MICHAEL F MD	Pacific Bell
	MEDICAL INTERPRETATION SERVICES INC	Pacific Bell
	MEDICAL PLAZA ORTHOPEDIC SURGERY CENTER	Pacific Bell
	MILLER CHIP ST KEVIN MD	Pacific Bell
	MOTG LEONARD	Pacific Bell
	MORANJAMESJMMD	Pacific Bell
	NACHMAN MARKMD	Pacific Bell
	NEDELMAN ARNOLD IMD	Pacific Bell
	NELSONRONALDJMD	Pacific Bell
	NEWMAN DAVID J MD	Pacific Bell
	PACIFIC COAST PLASTIC SURGERY CENTER INC	Pacific Bell
	PACIFIC SURGICENTER	Pacific Bell
	PATERNO VICTORIA I MO	Pacific Bell
	PULLENWMAMD	Pacific Bell
	RAMER SANDRAJMD	Pacific Bell
	RESNICK JEFFREY I MD	Pacific Bell
	REYNARD MICHAEL MD	Pacific Bell
	RICKETTSEDWMD	Pacific Bell
	HFTRONALDCMD	Pacific Bell
	RUDY NORMAN MD A MEDICAL CORP	Pacific Bell
	SAINT JOHN S MEDICAL PLAZA PHARMACY	Pacific Bell

Year	Uses	Source
1991	SANTAMONICA ORTHOPEDIC	Pacific Bell
	SCHAACKTERRY MD	Pacific Bell
	SEGAL HAROLD LMD	Pacific Bell
	SHERINS ROBT S MD A MEDICAL CORPORATION	Pacific Bell
	SHOOP STEPHEN MD	Pacific Bell
	SIEGEL RONALD S MO SOUTHERN CAIFORNIA MEDICAL GASTROENTEROLOGY GROUP INC	Pacific Bell
	SKYDELL JAS L MD	Pacific Bell
	SMITH RODNEY T MD	Pacific Bell
	SOUTHERN CALIFORNIA HEAD AND NECK MEDICAL GROUP	Pacific Bell
	SOUTHERN CAUFORNIA MEDICAL GASTROENTEROLOGY GROUP INC	Pacific Bell
	SPIEGEL JANE SINDEN MD MSPH	Pacific Bell
	SUPERIOR OPTICAL CO	Pacific Bell
	THORACIC & CARDIOVASCULAR SURGICAL GROUP	Pacific Bell
	TINGLOFBIRGER OJRMD	Pacific Bell
	WALLEN ROLANDEMDPHYS&SURGS	Pacific Bell
	WEBBROSCOECJRMO	Pacific Bell
	WESTSIDE NEPHROLOGY MEDICAL GROUP INC	Pacific Bell
	WESTSIDE PEDIATRIC MEDICAL GROUP INC	Pacific Bell
	WOOTTON DGARETH MD	Pacific Bell
	ZAREMHARVEYAMD	Pacific Bell

1301- 20TH ST

Year	Uses	Source
1991	FOLLETTE DAVID M MD	Pacific Bell

1310 20TH ST

Year	Uses	Source
2008	ACM CINE PROJECT CO LLC	Cole Information Services
	MARK S SMITH	Cole Information Services
	MARK SMITH CONSTRUCTION INC	Cole Information Services
2006	OMALLEY Brian	Haines Co., Inc.
	RIVERA Hactor	Haines Co., Inc.
1991	DUBOIS GLADYS & ELIJAH	Pacific Bell
	LONGMIRECFYDEE	Pacific Bell

FINDINGS

Year	Uses	Source
1991	RITZLER ARLENE F & BRUCEG	Pacific Bell
	Oresap Thos M	Pacific Bell
	Dubois Gladys & Elijah	Pacific Bell
	Longmire Cfyde E	Pacific Bell
	Ritzler Arlene F & Bruce G	Pacific Bell
	ORESAPTHOSM	Pacific Bell
1985	CRESAP THOSM	Pacific Bell
	DUBOIS GLADYS & ELIJAH	Pacific Bell
	GOFF SHERRIE & STEVE	Pacific Bell
	GRODIN EARL H	Pacific Bell
	LONGMIRE CLYDE E	Pacific Bell
	POWELLETHEL	Pacific Bell
	RITZIER ARLENE F & BRUCE G	Pacific Bell
1980	Arbogast Dawn	Pacific Telephone
	Bingham Greg	Pacific Telephone
	Bingham H	Pacific Telephone
	Dubois Gladys & Elijah	Pacific Telephone
	Grodin Earl H	Pacific Telephone
	Npebsvk Thos & Margaret	Pacific Telephone
	Longmire Clyde E	Pacific Telephone
	Mac Nee M G	Pacific Telephone
	Marques L	Pacific Telephone
	Morrow Julius Cade Sr	Pacific Telephone
	Parish TL	Pacific Telephone
	Parisi Anthon	Pacific Telephone
	Ritzier Bruce G & Arlene F	Pacific Telephone
	Ruitloj M	Pacific Telephone
	Signer Sherrie	Pacific Telephone
1975	GRODIN EARL H	Pacific Telephone
	HOEBINK THOS	Pacific Telephone
	KLEITMAN ESTHER	Pacific Telephone
	MAC NEE M G	Pacific Telephone
	MARCH HERBERT	Pacific Telephone
	MC CALLUM BETTLE P	Pacific Telephone
	MORROW JULIUS CADE SR	Pacific Telephone
	PARMETER JERRY M	Pacific Telephone
	LONGMIRE CLYDE E	Pacific Telephone
1970	GRODIN EARL H	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	DRUMMOND GORDON	Pacific Telephone
	AULD BRUCE	Pacific Telephone
	BOWDEN CHAS	Pacific Telephone
	EMIGH WM	Pacific Telephone
	FAGEN RODNEY P MRS	Pacific Telephone
	GABLE H O	Pacific Telephone
	MORROW JULIUS CADE SR	Pacific Telephone
	ROEB JOHN	Pacific Telephone
1965	VIILAGRANA JAVIER	Pacific Telephone
1962	CURTIN DONNIS T	Pacific Telephone
1958	CURTIN DENNIS T	Pacific Telephone
1954	Sheldon Ida H Mrs EX	R. L. Polk & Co.
	MCGREGOR D L	R. L. Polk & Co.
	SHELDON IDA A MRS	R. L. Polk & Co.
1948	Sheldon I A Mrs	Los Angeles Directory Co.
1933	MCKINNEY L M MRS	Los Angeles Directory Co.

1313 20TH ST

Year	Uses	Source
1980	Johnson Winafred H	Pacific Telephone

1314 20TH ST

Year	Uses	Source
2006	o BOURGET David C	Haines Co., Inc.
1985	KALLIJ S M	Pacific Bell
	LONG MATT	Pacific Bell
1980	Kapner J	Pacific Telephone
1975	BECKJANET	Pacific Telephone
	FIFE HARVEY C	Pacific Telephone
	KINGSLEY K A	Pacific Telephone
1970	FIFE HARVEY C	Pacific Telephone
	KNIEPKAMP EARL	Pacific Telephone
	OLIVER EMMA M	Pacific Telephone
	RICHELT B W	Pacific Telephone
	SCOTT ROY H	Pacific Telephone
1965	FIFE HARVEY C	Pacific Telephone
	MARSHALL A H	Pacific Telephone
	RICHELT BERTRAM W	Pacific Telephone
1962	RIFE HARVEY C	Pacific Telephone

Year	Uses	Source
1962	LEE MILDREDO	Pacific Telephone
	MARSHALL A H	Pacific Telephone
	RICHELT BERTRAM W	Pacific Telephone
1958	ADLER ROBT K	Pacific Telephone
	LEWIS ANN MRS	Pacific Telephone
	REESE HARRY R	Pacific Telephone
	ZIMMERMAN WM F	Pacific Telephone
1954	Williams Clara D Mrs EX	R. L. Polk & Co.
	WILLIAMS CLARA DA ELLA	R. L. Polk & Co.
1948	Williams C D Mrs	Los Angeles Directory Co.
1933	LEUTEL MAX	Los Angeles Directory Co.

1315 20TH ST

Year	Uses	Source
1970	SANTA MONICA MONTESSORI SCHOOL	Pacific Telephone
	DRESSER MONTESSORI SCHOOL SANTA MONICA	Pacific Telephone
	MO4NITESSORI SCHOOL SANTA MONICA	Pacific Telephone
1967	Santa Monica Montessori School Inc	Pacific Telephone
	Montessori School Santa Monica	Pacific Telephone
1965	SOPHIA MONTESSONI SCHOOLS & MONTESSORL TRAINING CENTER	Pacific Telephone
	MONTESSORI TRAINING CENTER & SOPHIA MONTESSORI SCHOOLS	Pacific Telephone
	BUTLER IMOGENE MRS	Pacific Telephone
1962	MONROVIATESSORI SCHOOL SOPHIA	Pacific Telephone
	BUTLER IMOGENE MRS	Pacific Telephone
	SOPHIA MONTESSON SCHOOL	Pacific Telephone
1958	RAMSEY MILITARY SCHOOL	Pacific Telephone
	BUTLER IMOGENE MRS	Pacific Telephone
1954	Ramsey Military Sch EX	R. L. Polk & Co.
	BUTLER IMOGENE MRS	R. L. Polk & Co.
	RAMSEY MILITARY SCHOOL	R. L. Polk & Co.
1948	Ramsey R M military sch	Los Angeles Directory Co.
1933	FOUR SQUARE GOSPEL CHURCH	Los Angeles Directory Co.

1318 20TH ST

Year	Uses	Source
1958	GREENLEAF LYDIA E	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	Greenleaf Chas F EX	R. L. Polk & Co.
	Mc Ewen Riley T	R. L. Polk & Co.
	GREENLEAF LYDIA E	R. L. Polk & Co.
1948	Greenleaf C F	Los Angeles Directory Co.
1933	DINNING S B	Los Angeles Directory Co.

1319 20TH ST

Year	Uses	Source
1970	GIDEON FRED	Pacific Telephone
1965	MCKENZIE MARY A MRS	Pacific Telephone
	GURNEY LAWRENCE	Pacific Telephone
1962	GURNEY LAWRENCE	Pacific Telephone
	MCKENZIE MARY A MRS	Pacific Telephone
1958	MCKENZIE MIARY A MRS	Pacific Telephone
1954	MCKENZIE GEO M	R. L. Polk & Co.

1320 20TH ST

Year	Uses	Source
2013	SANTA MONICA HEALTHCARE	Cole Information Services
	SANTA MONICA CONVALARIUM	Cole Information Services
2008	SANTA MONICA HEALTH CARE CENTER	Cole Information Services
	MARINER HEALTH CARE INC	Cole Information Services
	SANTA MONICA CONVALARIUM	Cole Information Services
2006	SNTAMNCA	Haines Co., Inc.
	CONVALARIUM	Haines Co., Inc.
	SNTA MNCA	Haines Co., Inc.
	HEALTH CARE	Haines Co., Inc.
	CENTER	Haines Co., Inc.
	SNTA MNCA	Haines Co., Inc.
	HEALTHCARE	Haines Co., Inc.
1991	Baumwdhl Mary	Pacific Bell
	Baumwoll Brian SANTA MONICA	Pacific Bell
	Baur J T	Pacific Bell
	Burford Jas H	Pacific Bell
	Cross Ronald A	Pacific Bell
	Cross 2042179	Pacific Bell
	Dutldn J	Pacific Bell
	Dutra C&J 2861129	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Klein Manuel	Pacific Bell
	Martin Laura	Pacific Bell
	Rosenbaum Hortense	Pacific Bell
	SANTA MONICA CONVALARIUM	Pacific Bell
	From Los Angeles Telephones Cal 8701036	Pacific Bell
	BAUMWDHL MARY	Pacific Bell
	BURFORD JASH	Pacific Bell
	CROSSRONALDA	Pacific Bell
	DUTLDNJ	Pacific Bell
	KLEINMANUEL	Pacific Bell
	MARTINLAURA	Pacific Bell
	ROSENBAUM HORTENSE	Pacific Bell
	SANTA MONICA CONVALARIUM	Pacific Bell
1985	BROWN CLARENCE	Pacific Bell
	CHESHIRE E F	Pacific Bell
	EVERSTON FRANCES	Pacific Bell
	HUNT CAROLYN	Pacific Bell
	MARTIN LAURA	Pacific Bell
	SANTA MONICA CONVALARIUM	Pacific Bell
1980	Caughey Reginald	Pacific Telephone
	Cohn Rhetta	Pacific Telephone
	Diamond Marion	Pacific Telephone
	Hall Beth D	Pacific Telephone
	Lokrant Carolina	Pacific Telephone
	Pielow C B	Pacific Telephone
	From Los Angeles Telephones Call	Pacific Telephone
	Stephen Deloris	Pacific Telephone
1976	Santa Monica Convalarium	Pacific Telephone
1975	BUTLER WALTER MRS	Pacific Telephone
	COLE MARION	Pacific Telephone
	JENSEN HELEN	Pacific Telephone
	LANDES MARY	Pacific Telephone
	MEDALIE HELENA E	Pacific Telephone
	PLLEW C B	Pacific Telephone
1970	ANSLEY MERCIE	Pacific Telephone
	BABSON HELEN	Pacific Telephone
	BERNSTEIN HAZEL	Pacific Telephone
	BURNHAM FLORENCE K	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	MAKUTCHAN KATHRYN	Pacific Telephone
	MCCAFFREY MANE S	Pacific Telephone
	PIELOW C B	Pacific Telephone
	SANTA MONICA CONVALARIUM	Pacific Telephone
	TAFT T	Pacific Telephone
1967	Santa Monica Convalarium	Pacific Telephone
1965	FISKAM ANNA B	Pacific Telephone
	CHAMBERLIN MARGARET	Pacific Telephone
	DENTON LINA MRS	Pacific Telephone
	LASWCLL HELEN I	Pacific Telephone
	SANTA MONICA CONVALARIUM	Pacific Telephone
1962	SANTA MONICA CONVALARIUM	Pacific Telephone

1322 20TH ST

Year	Uses	Source
1954	GRAFF GILBERT	R. L. Polk & Co.
	Oliphant Donald	R. L. Polk & Co.

1324 20TH ST

Year	Uses	Source
1954	REEL ROBT F MRS	R. L. Polk & Co.
	Reel Agnes Mrs EX	R. L. Polk & Co.
1948	Reel Agnes W nurse	Los Angeles Directory Co.

1325 20TH ST

Year	Uses	Source
1985	BOSKOVICH NICK	Pacific Bell
1980	BOSKOVICH NICK	Pacific Telephone
1975	BOSKOVICH NICK	Pacific Telephone
1970	BOSKOVICH NICK	Pacific Telephone
1964	LEBSACK FRED	Pacific Telephone
1960	LEBSACK FRED	Pacific Telephone
1957	LEBSACK FRED	Pacific Telephone
1954	LEBSACK FRED	R. L. Polk & Co.

1328 20TH ST

Year	Uses	Source
1976	Scott Maudria	Pacific Telephone
1948	McGregor D L	Los Angeles Directory Co.
1933	STEELE IRWIN	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1920	Gr enleaf C F	Los Angeles Directory Co.

1330 20TH ST

Year	Uses	Source
1976	Lyons Lutcher	Pacific Telephone
1958	SMITH BESSE D	Pacific Telephone
1954	Smith Besse Mrs EX	R. L. Polk & Co.
	SMITH BESSE D	R. L. Polk & Co.
1948	Smith H G	Los Angeles Directory Co.

1332 20TH ST

Year	Uses	Source
1962	WOLFSON JOS	Pacific Telephone
1954	WOLFSON JOS	R. L. Polk & Co.
	Wolfson Jos EX	R. L. Polk & Co.
	b Fishgold Milton M	R. L. Polk & Co.
1948	Armstrong M H	Los Angeles Directory Co.
	Wolfson Jos	Los Angeles Directory Co.

1332B 20TH ST

Year	Uses	Source
1954	POWERS FRED	R. L. Polk & Co.

1333 20TH ST

Year	Uses	Source
1985	GILHULY JOHN F	Pacific Bell
1980	GILHULY JOHN F	Pacific Telephone
	GILHULY S	Pacific Telephone
1975	GILHULY JOHN F	Pacific Telephone
1970	RODDOCK A MRS	Pacific Telephone
	HOBAN JOS M	Pacific Telephone
1964	GILHULY WM V MRS	Pacific Telephone
	HOBAN JAS M SAN PEDRO	Pacific Telephone
1960	GILHULY WM V MRS	Pacific Telephone
1957	GILKULY WM V	Pacific Telephone
1954	GILHULY WM V R	R. L. Polk & Co.
1950	GILHULY WRM V R	Pacific Telephone

FINDINGS

1334 20TH ST

Year	Uses	Source
1980	Guttry M I	Pacific Telephone
1933	STAPLES J A REV (O)	Los Angeles Directory Co.
1920	Vrnncman M A	Los Angeles Directory Co.

1334 1/2 20TH ST

Year	Uses	Source
1933	LOCKWOOD WARDEN	Los Angeles Directory Co.

1337 20TH ST

Year	Uses	Source
1985	PETRICH BORTI	Pacific Bell
1980	PETRICH BORTI	Pacific Telephone
1975	PETRICH BORTI	Pacific Telephone
1970	PETRICH BORTL	Pacific Telephone
1964	PETRICH BORTI	Pacific Telephone
1957	PETRICH BORTI	Pacific Telephone
1954	PETRICH BORTI R	R. L. Polk & Co.
1950	PETRICH BORTI R	Pacific Telephone

1338 20TH ST

Year	Uses	Source
2013	THE REHABILITATION CENTER	Cole Information Services
2008	ARBOR VIEW HEALTH CARE CENTER	Cole Information Services
2006	ARBORVIEW	Haines Co., Inc.
	HEALTH CARE	Haines Co., Inc.
	CENTER	Haines Co., Inc.
1991	Bay Vista Convalescent Hospital	Pacific Bell
	Bay West Refuse Removal Service	Pacific Bell
	Bendix Jeffrey	Pacific Bell
	Golden Michael	Pacific Bell
	Howard Eleanor	Pacific Bell
	Keams Elen	Pacific Bell
	Oldin Harold	Pacific Bell
	Stiltz Olivia	Pacific Bell
	Weisman Irene	Pacific Bell
	Weisman J 3931834	Pacific Bell
	GOLDEN MICHAEL	Pacific Bell
	HOWARD ELEANOR	Pacific Bell

FINDINGS

Year	Uses	Source
1991	KEAMSELEN	Pacific Bell
	OLDIN HAROLD	Pacific Bell
	STILTZOLIVIA	Pacific Bell
1985	BAY VISTA CONVALESCENT HOSPITAL	Pacific Bell
	WILLIAMS BRAD	Pacific Bell
1980	PATRICIAN REHABILITATION	Pacific Telephone
	Steinberg Mina	Pacific Telephone
	Wrest Caskelean	Pacific Telephone
	Bier Leo	Pacific Telephone
	Davis RD	Pacific Telephone
	Grier Wilard D	Pacific Telephone
	Gries Mary	Pacific Telephone
1976	Patrician Rehabilitation Hospital	Pacific Telephone
1975	PATRICIAN REHABILITATION HOSPITAL	Pacific Telephone
	HUNT ELSIE	Pacific Telephone
1970	DENBOEF LENA	Pacific Telephone
	INTERNATIONAL HOSPITAL SERVICES INC	Pacific Telephone
	PACKER ETHEL	Pacific Telephone
	POST MARY ELLEN	Pacific Telephone
	ROSAMOND MARY	Pacific Telephone
	ROSEN LENA MRS	Pacific Telephone
1967	Casa Contenta	Pacific Telephone
1962	ETRICK W JOHN	Pacific Telephone
1958	MARTIN F C R	Pacific Telephone
1954	Martin Finis C EX	R. L. Polk & Co.
	a Forsythe Le Roy E EX	R. L. Polk & Co.
	b Critser Jack W	R. L. Polk & Co.
	SLARTIN F C R	R. L. Polk & Co.
1948	Martin F C	Los Angeles Directory Co.
	Hicks E J	Los Angeles Directory Co.
	Lang Victoria Mrs	Los Angeles Directory Co.
1933	KERR ROSS	Los Angeles Directory Co.
1920	Me Kinney W M	Los Angeles Directory Co.

1338 1/2 20TH ST

Year	Uses	Source
1933	CARSON MARY MRS (A)	Los Angeles Directory Co.

1338 3/4 20TH ST

Year	Uses	Source
1933	DYER ARTH	Los Angeles Directory Co.

1339 20TH ST

Year	Uses	Source
2013	SAINT JOHNS HEALTH CENTER	Cole Information Services
	REGIONAL CENTER FOR THE DEVELOPMENTA	Cole Information Services
2008	SAINT JOHNS HEALTH CENTER	Cole Information Services
	CHILD & FAMILY DEVELOPMENT CENTER	Cole Information Services
	SAINT JOHN S CHILD & FAMILY DEV CE	Cole Information Services
2006	CHILD&FMLY	Haines Co., Inc.
	DEVLP CNTR	Haines Co., Inc.
	CHILD STUDY	Haines Co., Inc.
	SAINT JOHNS	Haines Co., Inc.
	CHLD&FMLY DVLP	Haines Co., Inc.
	DISABLD	Haines Co., Inc.
	DVLPMNTLY	Haines Co., Inc.
	REGIONALCT	Haines Co., Inc.
	JOHNS	Haines Co., Inc.
	CENTER OF ST	Haines Co., Inc.
1991	Child Study Center	Pacific Bell
	Saint Johns Child Study Center	Pacific Bell
	SAINTJOHN SCHILDSTUDYCENTER	Pacific Bell
1985	CHILD STUDY CENTER	Pacific Bell
1980	Kennedy Child Study Center	Pacific Telephone
1976	Kennedy Child Study Center Of Saint Johns Hospital And Health Center	Pacific Telephone
	Kennedy Regional Center For The Developmentally Disabled Of Saint Johns Hospital And Health Center	Pacific Telephone
1975	KENNEDY CENTERCOUNTY PROGRAM	Pacific Telephone
	KENNEDY CHILD STUDY CENTER	Pacific Telephone
	KENNEDY REGIONAL CENTER FOR THE DEVELOPMENTALLY DISABLED	Pacific Telephone
1970	KENNEDY CHILD STUDY CENTER	Pacific Telephone
1965	KENNEDY CHILD STUDY CENTER	Pacific Telephone
1962	IKENNEDY CHILD STUDY CENTER	Pacific Telephone

FINDINGS

1341 20TH ST

Year	Uses	Source
1985	PALACIOS JOS JR	Pacific Bell
1980	PALACIOS JOS JR	Pacific Telephone
1975	PALACIOS JOS JR	Pacific Telephone
1970	CLEARY R E	Pacific Telephone
1964	CLEARY R E	Pacific Telephone
1960	CLEARY R E	Pacific Telephone
1957	CLEARY R E	Pacific Telephone
1954	CLEARY R E	R. L. Polk & Co.
1950	GRI11IAS PETER R	Pacific Telephone

1342 20TH ST

Year	Uses	Source
1962	WRIGHT JACQUELINE	Pacific Telephone
1958	WRIGHT HERMAN L	Pacific Telephone
1954	Wright Herman L EX	R. L. Polk & Co.
	EBELING SALLY	R. L. Polk & Co.
1948	Ebeling Louis	Los Angeles Directory Co.
1933	STEVENS HAROLD (O)	Los Angeles Directory Co.
1920	Stevens Harold	Los Angeles Directory Co.

1344 20TH ST

Year	Uses	Source
1965	OMEARA-CHANDLER-BENSON CORP CONTRS	Pacific Telephone

1346 20TH ST

Year	Uses	Source
1962	SANTA MONICA BRAKE SPECIALISTS	Pacific Telephone
1958	SANTA MONICA BRAKE SPECIALISTS	Pacific Telephone
1954	Santa Monica Brake Specialists EX	R. L. Polk & Co.
	RITA MONICA BRAKE SPECIALISTS	R. L. Polk & Co.
1948	Santa Monica Brake Specialists	Los Angeles Directory Co.

1348 20TH ST

Year	Uses	Source
1976	Parker Matilda Mrs	Pacific Telephone

1351 20TH ST

Year	Uses	Source
1975	AMALFITANO ANGELO	Pacific Telephone
1970	MCNERNEY THOS J MRS	Pacific Telephone
1964	MCNERNEY THOS J MRS	Pacific Telephone
1960	MCNERNEY THOS J MRS	Pacific Telephone
1957	MCNERNEY THAS J MRS	Pacific Telephone
1954	MCNERNEY THOS J MRS R	R. L. Polk & Co.
1950	MCNERNEY THOS J MRS R	Pacific Telephone

1353 20TH ST

Year	Uses	Source
1976	Twentieth Street Elementary School	Pacific Telephone

1355 20TH ST

Year	Uses	Source
1985	GOSCH H L ENTERPRISES	Pacific Bell
	GOSCH HOWARD	Pacific Bell
1970	ROTH BERTON J	Pacific Telephone
1964	JORGENSEN K	Pacific Telephone
1960	JORGENSEN C	Pacific Telephone
1957	JORGENSEN K	Pacific Telephone
1954	JORGENSEN K R	R. L. Polk & Co.
1950	JORGENSEN K R	Pacific Telephone

1356 20TH ST

Year	Uses	Source
1985	CVITANOVICH DIANA	Pacific Bell
1980	CVITANOVICH JOHN	Pacific Telephone
1975	CVITANOVICH JOHN	Pacific Telephone
1970	RAMESA VINCENT	Pacific Telephone
1964	RAMESA VINCENT SAN PEDRO	Pacific Telephone
1960	RAMESA VINCENT	Pacific Telephone
1957	RAMESA VINCENT	Pacific Telephone
1954	RAMESA ANNA R	R. L. Polk & Co.
1950	RAMESA ANNA R	Pacific Telephone

1361 20TH ST

Year	Uses	Source
1980	KENNEDY ELDWIN	Pacific Telephone
1975	CLARK GEO W MRS	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	CLARK GEO W MRS	Pacific Telephone
1964	CLARK GEO W MRS	Pacific Telephone
1960	CLARK GEO W MRS	Pacific Telephone
1957	CLARK GEO W MRS	Pacific Telephone
1954	CLARK GEO W MRS R	R. L. Polk & Co.
1950	CLARK GEE W -MRSR	Pacific Telephone

1362 20TH ST

Year	Uses	Source
1985	PALUMBO DOMINIC	Pacific Bell
1980	PALUMBO DOMINIC	Pacific Telephone
1975	PALUMBO DOMINIC	Pacific Telephone
1970	PALUMBO DOMINIC	Pacific Telephone
1964	ALFORD ROBT H LT	Pacific Telephone
1960	ALFORD ROBT H LT	Pacific Telephone
1957	ALFORD ROBT H LT	Pacific Telephone
1954	ALFORD ROBT H LT	R. L. Polk & Co.
1950	DENTONE JIMMIER	Pacific Telephone

1368 20TH ST

Year	Uses	Source
1985	BJAZEVICH VINCE	Pacific Bell
1980	BJAZEVICH VINCE	Pacific Telephone
1975	BJAZEVICH VINCE	Pacific Telephone
1970	KILLEY THOS A MRS	Pacific Telephone
1964	KILLEY THOS A MRS	Pacific Telephone
1960	KILLEY THOS A MRS	Pacific Telephone
1957	KILLEY THOS A MRS	Pacific Telephone
1954	KILLEY THOS A MRS R	R. L. Polk & Co.
1950	KILLEY THOS A R	Pacific Telephone

1380 20TH ST

Year	Uses	Source
1976	Henry Agnes	Pacific Telephone
	Mason Silverine	Pacific Telephone

1386 20TH ST

Year	Uses	Source
1976	Woods L C	Pacific Telephone
	Jackson Torance	Pacific Telephone

Year	Uses	Source
1976	Jackson Torrance	Pacific Telephone
	Johnson J T Jr	Pacific Telephone

20TH ST E

1201 20TH ST E

Year	Uses	Source
1951	E 20th Tillman Isaac Jr r	Pacific Telephone & Telegraph Co.

1202 20TH ST E

Year	Uses	Source
1951	E 20th Kiocho Lue Mrs r	Pacific Telephone & Telegraph Co.

1203 20TH ST E

Year	Uses	Source
1951	E 20th ONeil Otha Mae r	Pacific Telephone & Telegraph Co.
	E 20th Valentine Clarence r	Pacific Telephone & Telegraph Co.

1208 20TH ST E

Year	Uses	Source
1951	E 20th Mouton Edw r	Pacific Telephone & Telegraph Co.
	E 20th Loyo Carlos r	Pacific Telephone & Telegraph Co.

1209 20TH ST E

Year	Uses	Source
1951	E 20th Clifton Henry r	Pacific Telephone & Telegraph Co.

1214 20TH ST E

Year	Uses	Source
1951	E 20th Martinez Frank L r	Pacific Telephone & Telegraph Co.

1215 20TH ST E

Year	Uses	Source
1951	E 20th Richmond F A r	Pacific Telephone & Telegraph Co.

1220 20TH ST E

Year	Uses	Source
1951	E 20th Wong Hong r	Pacific Telephone & Telegraph Co.

1221 20TH ST E

Year	Uses	Source
1951	E 20th Johnson Ralph W r	Pacific Telephone & Telegraph Co.

Year	Uses	Source
1951	E 20th Walker Dan r	Pacific Telephone & Telegraph Co.
	E 20th Battle Connie W r	Pacific Telephone & Telegraph Co.

1222 20TH ST E

Year	Uses	Source
1951	E 20th Gray Otis r	Pacific Telephone & Telegraph Co.

1223 20TH ST E

Year	Uses	Source
1951	E 20th Roberson Ethel r	Pacific Telephone & Telegraph Co.

1226 20TH ST E

Year	Uses	Source
1951	E 20th Taylor Willie r	Pacific Telephone & Telegraph Co.

1227 20TH ST E

Year	Uses	Source
1951	E 20th Anderson Lucille r	Pacific Telephone & Telegraph Co.
	E 20th Odell Birdie r	Pacific Telephone & Telegraph Co.

1232 20TH ST E

Year	Uses	Source
1951	E 20th Hayman E C	Pacific Telephone & Telegraph Co.
	E 20th Morris Louise r	Pacific Telephone & Telegraph Co.
	E 20th Francis Ola r	Pacific Telephone & Telegraph Co.

1233 20TH ST E

Year	Uses	Source
1951	E 20th Session M r	Pacific Telephone & Telegraph Co.

1234 20TH ST E

Year	Uses	Source
1951	E 20th Wilson Willie r	Pacific Telephone & Telegraph Co.

1238 20TH ST E

Year	Uses	Source
1951	E 20th Buggs Mattie E Mrs r	Pacific Telephone & Telegraph Co.

1239 20TH ST E

Year	Uses	Source
1951	E 20th Burrell Willie r	Pacific Telephone & Telegraph Co.

FINDINGS

1240 20TH ST E

Year	Uses	Source
1951	E 20th Baker Margie A r	Pacific Telephone & Telegraph Co.

1245 20TH ST E

Year	Uses	Source
1951	E 20th McGee Rose r	Pacific Telephone & Telegraph Co.
	E 20th Chason Mattie Bell r	Pacific Telephone & Telegraph Co.

1250 20TH ST E

Year	Uses	Source
1951	E 20th Crutchfield Wm r	Pacific Telephone & Telegraph Co.

1251 20TH ST E

Year	Uses	Source
1951	E 20th Hunt Elizabeth r	Pacific Telephone & Telegraph Co.

1257 20TH ST E

Year	Uses	Source
1951	E 20th Webb Rosie Lee	Pacific Telephone & Telegraph Co.
	E 20th Hall Charlie r	Pacific Telephone & Telegraph Co.

1263 20TH ST E

Year	Uses	Source
1951	E 20th Tave Earnest Mrs r	Pacific Telephone & Telegraph Co.

1316 20TH ST E

Year	Uses	Source
1951	E 20th Osborn Annie Mae r	Pacific Telephone & Telegraph Co.

1318 20TH ST E

Year	Uses	Source
1951	E 20th Banks Henry r	Pacific Telephone & Telegraph Co.

1322 20TH ST E

Year	Uses	Source
1951	E 20th Sanders Clarence r	Pacific Telephone & Telegraph Co.

1324 20TH ST E

Year	Uses	Source
1951	E 20th Baines W W r	Pacific Telephone & Telegraph Co.
	E 20th Bunn Rosie r	Pacific Telephone & Telegraph Co.

FINDINGS

1328 20TH ST E

Year	Uses	Source
1951	E 20th Scott Maudria r	Pacific Telephone & Telegraph Co.
	E 20th Gills Lawrence r	Pacific Telephone & Telegraph Co.

1330 20TH ST E

Year	Uses	Source
1951	E 20th Lyons Lutcher r	Pacific Telephone & Telegraph Co.

1338 20TH ST E

Year	Uses	Source
1951	E 20th Sanders W H r	Pacific Telephone & Telegraph Co.

1344 20TH ST E

Year	Uses	Source
1951	E 20th Bennett Teoua r	Pacific Telephone & Telegraph Co.
	E 20th Dooley Willie Mrs r	Pacific Telephone & Telegraph Co.

1348 20TH ST E

Year	Uses	Source
1951	E 20th Williams Albert J r	Pacific Telephone & Telegraph Co.
	E 20th Parker Matilda Mrs r	Pacific Telephone & Telegraph Co.

1352 20TH ST E

Year	Uses	Source
1951	E 20th Stevens Sallie r	Pacific Telephone & Telegraph Co.

1353 20TH ST E

Year	Uses	Source
1951	E 20th Los Angeles City Board of Education elementary schools Twentieth St	Pacific Telephone & Telegraph Co.

1356 20TH ST E

Year	Uses	Source
1951	E 20th Porter M Mrs r	Pacific Telephone & Telegraph Co.
	E 20th Lester C H r	Pacific Telephone & Telegraph Co.

1360 20TH ST E

Year	Uses	Source
1951	E 20th Porter C M r	Pacific Telephone & Telegraph Co.

FINDINGS

1362 20TH ST E

Year	Uses	Source
1951	E 20th Rogers Jesse r	Pacific Telephone & Telegraph Co.
	E 20th Davis Lulu Mrs r	Pacific Telephone & Telegraph Co.

1364 20TH ST E

Year	Uses	Source
1951	E 20th Bradley J B Mrs r	Pacific Telephone & Telegraph Co.

1366 20TH ST E

Year	Uses	Source
1951	E 20th Sutton Willie J r	Pacific Telephone & Telegraph Co.

1372 20TH ST E

Year	Uses	Source
1951	E 20th Paxton Thos r	Pacific Telephone & Telegraph Co.
	E 20th Paxton Thos r	Pacific Telephone & Telegraph Co.
	E 20th Hervey Ida Mae r	Pacific Telephone & Telegraph Co.

1374 20TH ST E

Year	Uses	Source
1951	E 20th Armstrong Jas	Pacific Telephone & Telegraph Co.

1376 20TH ST E

Year	Uses	Source
1951	E 20th Dixon Howard	Pacific Telephone & Telegraph Co.

1380 20TH ST E

Year	Uses	Source
1951	E 20th Simington W H r	Pacific Telephone & Telegraph Co.
	E 20th Daniels Norman r	Pacific Telephone & Telegraph Co.

1381 20TH ST E

Year	Uses	Source
1951	E 20th Knight Catherine r	Pacific Telephone & Telegraph Co.

1385 20TH ST E

Year	Uses	Source
1951	E 20th Moore Malissa r	Pacific Telephone & Telegraph Co.
	E 20th Simmons Ida Mae r	Pacific Telephone & Telegraph Co.

FINDINGS

1386 20TH ST E

Year	Uses	Source
1951	Baines Menthanola r	Pacific Telephone & Telegraph Co.
	Johns Robt E T Jr r	Pacific Telephone & Telegraph Co.
	Browne Thelma N r	Pacific Telephone & Telegraph Co.
	Thigpenn Walter r	Pacific Telephone & Telegraph Co.
	Browne M Ella r	Pacific Telephone & Telegraph Co.
	Wright Jeanette r	Pacific Telephone & Telegraph Co.
	Slocum Robbie Mrs r	Pacific Telephone & Telegraph Co.
	Broomes Marrcellus	Pacific Telephone & Telegraph Co.
	E 20th	Pacific Telephone & Telegraph Co.
	Stowers Oma Mrs r	Pacific Telephone & Telegraph Co.

20TH ST W

1301 20TH ST W

Year	Uses	Source
1951	Edelman Wm r	Pacific Telephone & Telegraph Co.
	Leland Vivian E r	Pacific Telephone & Telegraph Co.
	W 20th	Pacific Telephone & Telegraph Co.

1303 20TH ST W

Year	Uses	Source
1951	W 20th Roberts Virnie B r	Pacific Telephone & Telegraph Co.

1305 20TH ST W

Year	Uses	Source
1951	W 20th Smith Flossie M r	Pacific Telephone & Telegraph Co.
	W 20th Schlotman Anita r	Pacific Telephone & Telegraph Co.
	W 20th Bastien Gussie r	Pacific Telephone & Telegraph Co.

1311 20TH ST W

Year	Uses	Source
1951	W 20th Faro Eugene r	Pacific Telephone & Telegraph Co.

1317 20TH ST W

Year	Uses	Source
1951	W 20th Garr Herman D r	Pacific Telephone & Telegraph Co.

FINDINGS

1322 20TH ST W

Year	Uses	Source
1951	W 20th McCoy J A r	Pacific Telephone & Telegraph Co.

1332 20TH ST W

Year	Uses	Source
1951	W 20th Cheney Jane R r	Pacific Telephone & Telegraph Co.

1335 20TH ST W

Year	Uses	Source
1951	W 20th Schreiner Josephine r	Pacific Telephone & Telegraph Co.

1337 20TH ST W

Year	Uses	Source
1951	W 20th Gary Jos r	Pacific Telephone & Telegraph Co.

1340 20TH ST W

Year	Uses	Source
1951	W 20th Boyd Thos	Pacific Telephone & Telegraph Co.

1342 20TH ST W

Year	Uses	Source
1951	W 20th Wiley Hester r	Pacific Telephone & Telegraph Co.

1343 20TH ST W

Year	Uses	Source
1951	W 20th Doerr Sophia r	Pacific Telephone & Telegraph Co.

1348 20TH ST W

Year	Uses	Source
1951	Haizlip Robt Eldon	Pacific Telephone & Telegraph Co.
	Taylor Calla r	Pacific Telephone & Telegraph Co.
	Kapp Henrietta H	Pacific Telephone & Telegraph Co.
	Cazier Keith r	Pacific Telephone & Telegraph Co.
	Yakin Mary B r	Pacific Telephone & Telegraph Co.
	Pike Mima M r	Pacific Telephone & Telegraph Co.
	W 20th	Pacific Telephone & Telegraph Co.

1351 20TH ST W

Year	Uses	Source
1951	W 20th Whitaker Bessie A Mrs r	Pacific Telephone & Telegraph Co.

FINDINGS

1353 20TH ST W

Year	Uses	Source
1951	W 20th Eberstein M Mrs r	Pacific Telephone & Telegraph Co.
	W 20th Yamauchi Yukio r	Pacific Telephone & Telegraph Co.

1354 20TH ST W

Year	Uses	Source
1951	W 20th Moss Harry r	Pacific Telephone & Telegraph Co.

1357 20TH ST W

Year	Uses	Source
1951	W 20th Osada Ralph r	Pacific Telephone & Telegraph Co.

1359 20TH ST W

Year	Uses	Source
1951	W 20th Mookini E H	Pacific Telephone & Telegraph Co.
	W 20th Smith Grover C r	Pacific Telephone & Telegraph Co.

1362 20TH ST W

Year	Uses	Source
1951	W 20th Aubry R B r	Pacific Telephone & Telegraph Co.
	W 20th Reed Oldena r	Pacific Telephone & Telegraph Co.
	W 20th Washington Rudolph V r	Pacific Telephone & Telegraph Co.

1363 20TH ST W

Year	Uses	Source
1951	W 20th Loffler Betty Woodard Mrs r	Pacific Telephone & Telegraph Co.

1365 20TH ST W

Year	Uses	Source
1951	W 20th Hudson D C	Pacific Telephone & Telegraph Co.
	W 20th Horowitz Jos r	Pacific Telephone & Telegraph Co.
	W 20th Kenner S M r	Pacific Telephone & Telegraph Co.

1367 20TH ST W

Year	Uses	Source
1951	W 20th Rosenblum Philip r	Pacific Telephone & Telegraph Co.

1369 20TH ST W

Year	Uses	Source
1951	W 20th Wilson Sue	Pacific Telephone & Telegraph Co.
	W 20th West Ollie Mrs r	Pacific Telephone & Telegraph Co.

FINDINGS

1370 20TH ST W

Year	Uses	Source
1951	W 20th Boddeker Quentin r	Pacific Telephone & Telegraph Co.

1372 20TH ST W

Year	Uses	Source
1951	W 20th De Maggio Jos r	Pacific Telephone & Telegraph Co.

1373 20TH ST W

Year	Uses	Source
1951	W 20th Barringer O D r	Pacific Telephone & Telegraph Co.

1374 20TH ST W

Year	Uses	Source
1951	W 20th Dolan Margaret r	Pacific Telephone & Telegraph Co.

1376 20TH ST W

Year	Uses	Source
1951	W 20th Cederstrom Martha r	Pacific Telephone & Telegraph Co.

1378 20TH ST W

Year	Uses	Source
1951	W 20th Helms Alyne G r	Pacific Telephone & Telegraph Co.

1380 20TH ST W

Year	Uses	Source
1951	W 20th Burgoyne Ernest r	Pacific Telephone & Telegraph Co.

1382 20TH ST W

Year	Uses	Source
1951	Berg Hans r	Pacific Telephone & Telegraph Co.
	W 20th	Pacific Telephone & Telegraph Co.

1384 20TH ST W

Year	Uses	Source
1951	W 20th McCarley Foy E r	Pacific Telephone & Telegraph Co.

1386 20TH ST W

Year	Uses	Source
1951	W 20th Gunnarson Elmer V r	Pacific Telephone & Telegraph Co.

1388 20TH ST W

Year	Uses	Source
1951	W 20th Goddard Melvin Mrs r	Pacific Telephone & Telegraph Co.
	W 20th Nelson Edw O r	Pacific Telephone & Telegraph Co.

1390 20TH ST W

Year	Uses	Source
1951	W 20th Feinblatt Charlotte D	Pacific Telephone & Telegraph Co.
	W 20th Sher Adelle	Pacific Telephone & Telegraph Co.

1392 20TH ST W

Year	Uses	Source
1951	W 20th Latta Louis M r	Pacific Telephone & Telegraph Co.

20th Street

1223 20th Street

Year	Uses	Source
2006	SEBAGOLP	Haines Co., Inc.
	SPRAGUE Matt	Haines Co., Inc.
	TAYLOR Jennifer	Haines Co., Inc.
1991	Clement Phillip	Pacific Bell
	Chun Jon	Pacific Bell
	Maxwell Laura	Pacific Bell
	Maxwell Lynch Interiors MALIBU 4567466	Pacific Bell
	Maxwell M SANTA MONICA	Pacific Bell
	Nammack Chad	Pacific Bell
	Nammack Peter & Denise LOS ANGELES 3911557	Pacific Bell
	Catano Geo	Pacific Bell
	Catanzano L 2043152	Pacific Bell
	Catanzaro C VENICE	Pacific Bell
	NAMMACK CHAD	Pacific Bell
	CLEMENT PHILLIP	Pacific Bell
	CATANO GEO	Pacific Bell
	CHUN JON	Pacific Bell
	MAXWELL LAURA	Pacific Bell
1976	Toney Anna	Pacific Telephone
1975	HODGENS E F	Pacific Telephone
	BAGDON HARRIS	Pacific Telephone
	BAXTER MB	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	BAYER RUPERT	Pacific Telephone
1970	PORTER MARGARET	Pacific Telephone
	HENCHERTWILHEIMINA	Pacific Telephone
	BRIDGEMAN FRED	Pacific Telephone
	SHAFFER ELNA M MRS	Pacific Telephone
	CRANDALL PEGGY MRS	Pacific Telephone
	DWYER MATT	Pacific Telephone
	ORANT M J	Pacific Telephone
	GALLAGHER HELEN MRS	Pacific Telephone
1965	GRISWOLD MILDRED D RN	Pacific Telephone
	SHAFFER ELNA M MRS	Pacific Telephone
	BURTON CLYDE A	Pacific Telephone
	DONATONI EVELYN	Pacific Telephone
	HENCHENT WILHELMINA	Pacific Telephone
	GALLAGHER HELEN MRS	Pacific Telephone
	PORTER MARGARET	Pacific Telephone
	TEGELER ADELE J	Pacific Telephone
1962	DONATONI EVELYN	Pacific Telephone
	PORTER MARGARET	Pacific Telephone
	GRISWOLD MILDRED0RN	Pacific Telephone
	GROSS RUSSEL A	Pacific Telephone
	ROYSTON HENRY V	Pacific Telephone
	BURTON CLYDE A	Pacific Telephone
	WALLACE GRATE A	Pacific Telephone
	SMITH BEATRICE MIS	Pacific Telephone
	SMITH MARIETTA	Pacific Telephone
	SHAELER ELNA M MRS	Pacific Telephone
1958	MVCMLALHON MVLILDREDF	Pacific Telephone
	GRISWOLD MILDRED D RN	Pacific Telephone
	ROBERTS THOS A	Pacific Telephone
	GROSS RUSSEL A	Pacific Telephone
	GORDON GEO A	Pacific Telephone
	SMITH MARIETTA	Pacific Telephone
	THOMPSON WESLEY C	Pacific Telephone
	BROOK ROBT M	Pacific Telephone
	MCLMLAHON T C	Pacific Telephone
	FARNLCY JAS W	Pacific Telephone
	LALTON THOS V	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	PARENT DANI T	Pacific Telephone
	AOTELI MARGARET	Pacific Telephone
1954	Apartments	R. L. Polk & Co.
	Sherlock Thos J EX	R. L. Polk & Co.
	Gordon Ray	R. L. Polk & Co.
	Fife Harvey C EX	R. L. Polk & Co.
	Parent Danl T EX	R. L. Polk & Co.
	Smith Jules	R. L. Polk & Co.
	Brock Jas	R. L. Polk & Co.
	Donatoni E J	R. L. Polk & Co.
	Shall P B EXS	R. L. Polk & Co.
	Cross Russell	R. L. Polk & Co.
	De Yoe Orvil D EX	R. L. Polk & Co.
	Taylor Danl W	R. L. Polk & Co.
	Von Hake Carl A EX	R. L. Polk & Co.
	Street continued	R. L. Polk & Co.
	FIFE HARVEY C	R. L. Polk & Co.
	SHERLOCK ELLEN	R. L. Polk & Co.
	SHALL P B	R. L. Polk & Co.
	GORDON GEO A	R. L. Polk & Co.
	VON HAKE CARL	R. L. Polk & Co.
	BERNARD ALTON J	R. L. Polk & Co.
	PARENT DANI T	R. L. Polk & Co.
	DE YOE ORVIL D	R. L. Polk & Co.
1951	E 20th Roberson Ethel r	Pacific Telephone & Telegraph Co.
1948	Vacant	Los Angeles Directory Co.
1933	MENZIES JOHN (O)	Los Angeles Directory Co.
1920	Haurler M E Mrs	Los Angeles Directory Co.

1224 20th Street

Year	Uses	Source
1954	Lewis Lena T Mrs EX	R. L. Polk & Co.
	LEWIS FRED ER	R. L. Polk & Co.
1948	Lewis L B	Los Angeles Directory Co.
1933	HERMANSON E A	Los Angeles Directory Co.

1255 20th Street

Year	Uses	Source
2006	AMBROSETHE	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	THE AMBROSE	Haines Co., Inc.
1991	Cline B	Pacific Bell
	Cline C VENICE 396768	Pacific Bell
	Erohin WmVasily	Pacific Bell
	Erol H Ali	Pacific Bell
	Eror A BEL AIR 4715152	Pacific Bell
	Eroy R LOS ANGELES 4759858	Pacific Bell
	Erpel Herbert	Pacific Bell
	Son Aeza	Pacific Bell
	Harmon JR	Pacific Bell
	Heberly Katie	Pacific Bell
	HEBERLYKATIE	Pacific Bell
	CLINE B	Pacific Bell
	HARMONJR	Pacific Bell
	EROHINWM(VASILY)	Pacific Bell
	SON AEZA	Pacific Bell
1985	EROHIN WM (VASILY)	Pacific Bell
	HEBERLY KATIE	Pacific Bell
	CLINE B	Pacific Bell
	HARMON J R	Pacific Bell
1980	Evanenko Ella	Pacific Telephone
	Me Coy EE	Pacific Telephone
	Harmon J R	Pacific Telephone
	Whalen R Salvador	Pacific Telephone
	CHANG W AHN & ASSOCIATES	Pacific Telephone
	Chang Walter	Pacific Telephone
	Cline B	Pacific Telephone
	Kenyon Jan L	Pacific Telephone
	Erohin WmVasily	Pacific Telephone
	Eroshevich Khris	Pacific Telephone
1975	KENYON JAS L	Pacific Telephone
	EVANENKO ELLA	Pacific Telephone
	EROHIN WM	Pacific Telephone
	MASON VIRGINIA	Pacific Telephone
	MC VEY ROSE A	Pacific Telephone
	GRAIN R A	Pacific Telephone
	CLINE B	Pacific Telephone
	MCCOY E E	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	STEGATH J	Pacific Telephone
	GRAIN RUTH	Pacific Telephone
	JACKSON W H MRS	Pacific Telephone
	MAGUILL NETA C	Pacific Telephone
	MCCOY ESTHER E	Pacific Telephone
	MCVEY ROSE A	Pacific Telephone
	MASON VIRGINIA	Pacific Telephone
	EROHIN WM	Pacific Telephone
	MICDONNELL BERNICE	Pacific Telephone
1965	GRAIN RUTH	Pacific Telephone
	JACKSONI WV H MRS	Pacific Telephone
	CLAYWELL BERT R	Pacific Telephone
	MAGUILL NMTA C	Pacific Telephone
	EROHIN WM	Pacific Telephone
	MCVEY ROSE A	Pacific Telephone
1962	CLAYWELL BERT R	Pacific Telephone
	PEEPLES ANNALEE MRS	Pacific Telephone
	GRAIN RUTH	Pacific Telephone
	EROHIN WM	Pacific Telephone
	GARRISON ELLA P MRS	Pacific Telephone
	PULSIPHER JOAN C	Pacific Telephone
	SCHAEFFER JOS P	Pacific Telephone
	LEACH PATRICIA A	Pacific Telephone
1958	GARRISON ELLA P MRS	Pacific Telephone
	ROLLINGS WILLIAMS M DR	Pacific Telephone
	GRAIN RUTH R	Pacific Telephone
	ANDERSON PORTIA	Pacific Telephone
	STUART ROBT J	Pacific Telephone
	MLICHEL FAY L	Pacific Telephone
	PEEPLES ANNALEE MVRS	Pacific Telephone
1954	a Quinlan Jas T EX	R. L. Polk & Co.
	b Seebeck Danl	R. L. Polk & Co.
	c Garrison Ella Mrs EX	R. L. Polk & Co.
	d Simcosky Helen M Mrs EX	R. L. Polk & Co.
	e Grain C A Mrs EX	R. L. Polk & Co.
	f Jackson Caroll Mrs	R. L. Polk & Co.
	g Geis Jay H EX	R. L. Polk & Co.
	Stuart Robt J	R. L. Polk & Co.

Year	Uses	Source
1954	h Sylvia Edith L EX	R. L. Polk & Co.
	j Stuart Robt J EX	R. L. Polk & Co.
	GRAIN RUTH R	R. L. Polk & Co.
	STUART ROBT J	R. L. Polk & Co.
	SYLVIA EDITH L	R. L. Polk & Co.
	QUINLAN JAS T	R. L. Polk & Co.
1948	Eichler Em Mrs	Los Angeles Directory Co.
	Williams S B	Los Angeles Directory Co.
	Clancy J F	Los Angeles Directory Co.
	Morris Daisie E	Los Angeles Directory Co.
	Henderson P T	Los Angeles Directory Co.
	Ayer W M	Los Angeles Directory Co.
	Osterholt W S	Los Angeles Directory Co.
	Pagh M W	Los Angeles Directory Co.
	Kelley G A	Los Angeles Directory Co.
	Grain Ruth A	Los Angeles Directory Co.

21ST

1223 21ST

Year	Uses	Source
1985	GROBER MATTHEW	Pacific Bell

1228 21ST

Year	Uses	Source
1928	CAVIN S H	Los Angeles Directory Co.
1924	Goldenbee W J	Los Angeles Directory Co.
	Cavin S H	Los Angeles Directory Co.

1234 21ST

Year	Uses	Source
1928	WILDMAN LEROY	Los Angeles Directory Co.
1924	Johnson K D Mrs	Los Angeles Directory Co.

1235 21ST

Year	Uses	Source
1995	ZANKI GEO	Pacific Bell
1990	ZANKI GEO	Pacific Bell
1971	Whitlow Roger	Pacific Telephone
1962	Whitlow Roger	Pacific Telephone

FINDINGS

1236 21ST

Year	Uses	Source
1928	KANTZ G A	Los Angeles Directory Co.
1924	Kantz G A	Los Angeles Directory Co.

1237 21ST

Year	Uses	Source
1928	GRUBER G 0 MRS	Los Angeles Directory Co.
1924	Suess Frank	Los Angeles Directory Co.

1240 21ST

Year	Uses	Source
1995	JENSSEN THORE N	Pacific Bell
1990	JENSSEN THORE N	Pacific Bell

1241 21ST

Year	Uses	Source
1991	FLYNN S & C	Pacific Bell
	Flynn S & C	Pacific Bell
1928	BRAZILL J T	Los Angeles Directory Co.

1244 21ST

Year	Uses	Source
1928	SCOTT H B	Los Angeles Directory Co.
1924	Charroin M D Mrs	Los Angeles Directory Co.
	1/2 Grim J A Mrs	Los Angeles Directory Co.

1246 21ST

Year	Uses	Source
1990	JENSEN ROGER & CAROL	Pacific Bell

1247 21ST

Year	Uses	Source
1995	MULLINS LUKE	Pacific Bell
1990	HALL WM	Pacific Bell
1928	LANG GEO	Los Angeles Directory Co.
1924	Price J W	Los Angeles Directory Co.

1248 21ST

Year	Uses	Source
1928	MASSIE E T	Los Angeles Directory Co.
1924	Massie E T	Los Angeles Directory Co.

FINDINGS

1253 21ST

Year	Uses	Source
1995	SLAVICH MARTIN	Pacific Bell
1990	SLAVICH MARTIN	Pacific Bell

1258 21ST

Year	Uses	Source
1995	BENUCCI GIUSEPPE	Pacific Bell
1990	BENUCCI GIUSEPPE	Pacific Bell

1259 21ST

Year	Uses	Source
1995	CUKROV LOUIS JR	Pacific Bell
1990	CUKROV LOUIE	Pacific Bell
	CUKROV LOUIS JR	Pacific Bell

1266 21ST

Year	Uses	Source
1995	EVICH JOHN	Pacific Bell
1990	EVICH JOHN	Pacific Bell

1267 21ST

Year	Uses	Source
1995	HECTOR JAS R	Pacific Bell
	HECTOR JOHN	Pacific Bell
1990	HECTOR JOHN	Pacific Bell
	HECTOR JAS R	Pacific Bell

1273 21ST

Year	Uses	Source
1995	BRADSHAW J	Pacific Bell

1293 21ST

Year	Uses	Source
1990	DEBRISH LEE	Pacific Bell

21ST CT

1226 21ST CT

Year	Uses	Source
1954	GASPEROV JOE R	R. L. Polk & Co.
1950	GASPEROV JOER	Pacific Telephone

1229 21ST CT

Year	Uses	Source
1950	LEAVLTTI SAMI RALPH R	Pacific Telephone

1240 21ST CT

Year	Uses	Source
1950	TONEY E W R	Pacific Telephone

1246 21ST CT

Year	Uses	Source
1954	ERICSSON R L R	R. L. Polk & Co.
1950	ERICSSON R L R	Pacific Telephone

1247 21ST CT

Year	Uses	Source
1950	HALL WM R	Pacific Telephone

1272 21ST CT

Year	Uses	Source
1950	IVLATOSIN JOS R	Pacific Telephone

1285 21ST CT

Year	Uses	Source
1954	JURESA JOE R	R. L. Polk & Co.
1950	JURESA JOE R	Pacific Telephone

1293 21ST CT

Year	Uses	Source
1954	FALONNA BENEDICT R	R. L. Polk & Co.
1950	FACGR G E BENNDICT R	Pacific Telephone

21ST PL

1237B 21ST PL

Year	Uses	Source
1962	TOPPEL LURT	Pacific Telephone

21ST RD

1259 21ST RD

Year	Uses	Source
1964	CUKROV LOUIE	Pacific Telephone

FINDINGS

21ST ST

1212 21ST ST

Year	Uses	Source
2000	XXXX	Haines & Company
1970	HILL C L	Pacific Telephone
	HARLEY WNI F	Pacific Telephone
1954	a Slonaker Otto W EX	R. L. Polk & Co.
	c Fairbanks Carol Mrs	R. L. Polk & Co.
	HILL C L	R. L. Polk & Co.
	SLONAKER OTTO W	R. L. Polk & Co.
	b Hill Chas L EX	R. L. Polk & Co.

1212C 21ST ST

Year	Uses	Source
1954	FAIRBANKS HARRY L MVUS	R. L. Polk & Co.

1217 21ST ST

Year	Uses	Source
2006	BOUTORABIAfsaneh	Haines Co., Inc.
2000	ASHLEY Nathan	Haines & Company
	WYAND Cathyrn	Haines & Company
1991	KEENEMARKS	Pacific Bell
	RENNELL JEFFREY & ELLEN	Pacific Bell
1985	SOUTAR DOROTHY	Pacific Bell
	RENNELL JEFFREY & ELLEN	Pacific Bell
	KEENE MARKS	Pacific Bell
1954	a Stone Garrett M EX	R. L. Polk & Co.
	b Loose Clifford H EX	R. L. Polk & Co.
	c Barnell Jas D EX	R. L. Polk & Co.
	d Mollohan Jack P EX	R. L. Polk & Co.
	e Dickow Herbert R EX	R. L. Polk & Co.
	f Sparks Jas D EX	R. L. Polk & Co.
	DICKOW HERBERT R	R. L. Polk & Co.
1948	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.

FINDINGS

1217B 21ST ST

Year	Uses	Source
1954	LOOSE CLIFFORD H	R. L. Polk & Co.

1217C 21ST ST

Year	Uses	Source
1954	MOUNTS TRACEY R JR	R. L. Polk & Co.

1217D 21ST ST

Year	Uses	Source
1954	MIOOHAN J P	R. L. Polk & Co.

1217F 21ST ST

Year	Uses	Source
1954	ALBERT EDW	R. L. Polk & Co.

1218 21ST ST

Year	Uses	Source
2000	XXXX	Haines & Company
1970	KING WM MICHAEL	Pacific Telephone
1954	KINL B W LI COL	R. L. Polk & Co.
	King Billy W	R. L. Polk & Co.
1948	King W W	Los Angeles Directory Co.

1223 21ST ST

Year	Uses	Source
2000	MITCHELLE K M	Haines & Company
	KEYPOUR Houri	Haines & Company
	FIROOZMAND Helen	Haines & Company
1991	KEYPOURMANSOUR	Pacific Bell
1985	FETZER DUDLEY	Pacific Bell
	FREDMAN ROCHELLE	Pacific Bell
	HOEGH-GULDBERG LAN	Pacific Bell
	LEVI LARRY	Pacific Bell
	MACKAY RUTH	Pacific Bell
1975	ALIEN NANCY	Pacific Telephone
	FROELICK DEBORAH M	Pacific Telephone
1970	BILTON MARY	Pacific Telephone
	FLAKUS C J	Pacific Telephone
	HAYES SUSAN	Pacific Telephone
1954	b Siebert Ray	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	d Bloom Wermnan EX	R. L. Polk & Co.
	e Grossman Robt	R. L. Polk & Co.
	f Schiess Orville EX	R. L. Polk & Co.
	Thayer Robt	R. L. Polk & Co.
	BLOOM HERMAN	R. L. Polk & Co.
	HANKINS HARRY R	R. L. Polk & Co.
	a Saylor Frances M Mrs EX	R. L. Polk & Co.
1948	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
	Vosa Jack	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.

1223A 21ST ST

Year	Uses	Source
1954	SAYLOR FRANCES M	R. L. Polk & Co.

1223C 21ST ST

Year	Uses	Source
1954	REESE VIRGINIA MRS	R. L. Polk & Co.

1224 21ST ST

Year	Uses	Source
2008	EXECUTIVE LIMOUSINE & SEDAN SE	Cole Information Services
2006	o STEVENSON Patricia	Haines Co., Inc.
2000	FEJER Paul	Haines & Company
1991	KRWYGABOR	Pacific Bell
1985	SUTTON T (BEN)	Pacific Bell
	PARKANYI DUSY BERTA	Pacific Bell
	FRCHIELJAS	Pacific Bell
1976	Cornish Lottie Marie	Pacific Telephone
	Johnson Hattie	Pacific Telephone
1975	ONEAL DONALD	Pacific Telephone
1970	BERGER M	Pacific Telephone
1954	SUESS RUBY E	R. L. Polk & Co.
	MILLER LATHRYN F	R. L. Polk & Co.
	DREYFUSS MADELEINE	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	BERGER MARGARET MRS	R. L. Polk & Co.
1948	Suess R E Mrs	Los Angeles Directory Co.
	Carroll Cath Mrs	Los Angeles Directory Co.
	Carrasco Soledad	Los Angeles Directory Co.

1224B 21ST ST

Year	Uses	Source
1970	LEWIS LEONARD	Pacific Telephone

1226 21ST ST

Year	Uses	Source
1954	ERICKSEN LEON	R. L. Polk & Co.
	b Erickson Leon D EX	R. L. Polk & Co.
	a Miller Kath Mrs	R. L. Polk & Co.
1948	Fisher J H	Los Angeles Directory Co.
	Lewis D R	Los Angeles Directory Co.

1227 21ST ST

Year	Uses	Source
2008	ROUND TABLE PRODUCTIONS	Cole Information Services
2006	CARBAJALY	Haines Co., Inc.
2000	LU Frank	Haines & Company
	GLEDDEN Stephen	Haines & Company
	BRASWELL Michelle L	Haines & Company
1991	JORGENSEN SOLVEIG	Pacific Bell
	AKIN DAVIDM	Pacific Bell
	DONG UANGSHENG	Pacific Bell
1985	AKINDAVIDM	Pacific Bell
	CHIH WAL FOO	Pacific Bell
	DEWOIF EMMA	Pacific Bell
	JORGENSEN SOLVEIG	Pacific Bell
	MARENTES ELENA	Pacific Bell
	ROLER T	Pacific Bell
	SIMS HAZELL	Pacific Bell
1975	BYSHE FRED M	Pacific Telephone
	DEWOLF EMMA	Pacific Telephone
	FRIIS META	Pacific Telephone
	JORGENSEN SOLVEIG	Pacific Telephone
	MENDOZA L	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	MINNIS M L	Pacific Telephone
	NEWMAN CHARLOTTE	Pacific Telephone
1970	RHINER GLADYS	Pacific Telephone
	CANLSON ANTHONY	Pacific Telephone
	BYSHE FRED M	Pacific Telephone
	BUHLAK MAXINE	Pacific Telephone
1954	Olsen Hans C EX	R. L. Polk & Co.
	Cook Walter C EX	R. L. Polk & Co.
	Gibbs Frank L EX	R. L. Polk & Co.
	Breetwor Ivan N EX	R. L. Polk & Co.
	Higgins IU W	R. L. Polk & Co.
	Gordon Jas G EX	R. L. Polk & Co.
	Edland Clifford	R. L. Polk & Co.
	STENSON PATRICIA A	R. L. Polk & Co.
	OLSEN HANS C	R. L. Polk & Co.
	COOK WALTER C	R. L. Polk & Co.
	CARUTHERS JAS G	R. L. Polk & Co.
	Apartments	R. L. Polk & Co.

1228 21ST ST

Year	Uses	Source
2013	1228 21ST ST HOA	Cole Information Services
2006	No Current Listing	Haines Co., Inc.
2000	HERNANDEZ B	Haines & Company
	LUEDTKE Reba	Haines & Company
1991	HEMANDEZB	Pacific Bell
	LUEDTKEKARL D	Pacific Bell
1985	HEMANDEZB	Pacific Bell
	CARON HART	Pacific Bell
	LUEDTKE KARL D	Pacific Bell
1975	CAMPBELI GARY	Pacific Telephone
	CARON HART	Pacific Telephone
	LUEDTKE KARL D	Pacific Telephone
1970	ABEL FREDERICK	Pacific Telephone
	EDTKEKARL	Pacific Telephone
1954	EMBODY ELLEN MRS R	R. L. Polk & Co.
	Eaton Lester M EX	R. L. Polk & Co.
	Lambert Wm C EX	R. L. Polk & Co.
	EATON L M	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1948	Embody Ellen M	Los Angeles Directory Co.
	Robertson E B Mrs	Los Angeles Directory Co.
	Smyth Nelson	Los Angeles Directory Co.
	Quenzer Edw	Los Angeles Directory Co.
1933	CAVIN S H (O)	Los Angeles Directory Co.

1233 21ST ST

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Walker Cecile M	Pacific Telephone
1970	JORGENSEN SOLVELL	Pacific Telephone
1954	BREETWOR IVAN N	R. L. Polk & Co.
	MORGAN WM P MRS	R. L. Polk & Co.
	HORSTMAN ROBT L	R. L. Polk & Co.
	GIBBS ELLEN C	R. L. Polk & Co.
	DOWNEY ANNA BELLE	R. L. Polk & Co.

1233L 21ST ST

Year	Uses	Source
1954	LAMBERT WM C	R. L. Polk & Co.

1234 21ST ST

Year	Uses	Source
2006	T BONE FILMS	Haines Co., Inc.
2000	ABRAMITIS Richard	Haines & Company
	VICKLESS D	Haines & Company
1991	BLANDA MICAEL	Pacific Bell
	ABRAMITIS R W	Pacific Bell
	ABRAMITIS RICHARD& MOLLIE	Pacific Bell
1985	GREGORY VAZGEN	Pacific Bell
	NOVINS STEVE H	Pacific Bell
1976	Bias Bertha	Pacific Telephone
1975	FICHEL FRED	Pacific Telephone
1970	FICHEL FRED	Pacific Telephone
1954	Shoemaker Harry EX	R. L. Polk & Co.
	SHOEMAKER HARRY R	R. L. Polk & Co.
1948	Shoemaker H R	Los Angeles Directory Co.
1933	VACANT	Los Angeles Directory Co.
1920	Lockney J P	Los Angeles Directory Co.

FINDINGS

1235 21ST ST

Year	Uses	Source
1976	Lindley Thos L	Pacific Telephone

1236 21ST ST

Year	Uses	Source
2006	o LOTSPEICHMathaw	Haines Co., Inc.
2000	CHU Eleanor	Haines & Company
	KLAUS David	Haines & Company
	LOTSPEICH Matthew	Haines & Company
1985	HEDGES LUCILE	Pacific Bell
1975	HEDGES E E	Pacific Telephone
1970	HEDGES E E	Pacific Telephone
1954	HEDGES E E R	R. L. Polk & Co.
	Hedges Everett EX	R. L. Polk & Co.
	Maxwell Wm	R. L. Polk & Co.
1948	Hedges E E	Los Angeles Directory Co.
1933	KANTZ E W MRS (O)	Los Angeles Directory Co.

1237 21ST ST

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	AUSTIN Dan	Haines & Company
	DECRAY Debra	Haines & Company
	MCFADDEN Tom	Haines & Company
	MCFADDEN Tom	Haines & Company
1991	OBEM	Pacific Bell
	ORLAND ERIC	Pacific Bell
1985	MESCAVAGE R C	Pacific Bell
1970	GARN KATHLEEN	Pacific Telephone
	SPITZ FREDERICK	Pacific Telephone
1954	PUPPE HEINZ	R. L. Polk & Co.
	HINDALL I B	R. L. Polk & Co.
1948	Gruher G O Mrs	Los Angeles Directory Co.
	Mihelsic Harry	Los Angeles Directory Co.
1933	GRUBER G 0 MRS	Los Angeles Directory Co.
1920	Suess Frank J	Los Angeles Directory Co.

FINDINGS

1241 21ST ST

Year	Uses	Source
2008	NEW BREED ORCHESTRA INC	Cole Information Services
2006	o CLARKMegan	Haines Co., Inc.
2000	C CLARK Megan	Haines & Company
	MASCHLER Wolfgang	Haines & Company
1985	BURDUE CINDI	Pacific Bell
	EHRLLCH JC	Pacific Bell
	JENKINS BEVERLY	Pacific Bell
	LAFFERTY J M	Pacific Bell
	OPPEL ROBT K	Pacific Bell
1975	FRANK S CARPET & UPHOLSTERY CLEANING	Pacific Telephone
	LORY CHAS E	Pacific Telephone
1970	KLISAK IVANA	Pacific Telephone
	NEGRI RENATE	Pacific Telephone
1954	a Porter Wm W	R. L. Polk & Co.
	PFAHL JIM	R. L. Polk & Co.
	NELSON ROBT F	R. L. Polk & Co.
	LAPSLEY CLAUDE B CONTR	R. L. Polk & Co.
	b Morris Dave C	R. L. Polk & Co.
	c Vercruysse Grace Mrs EXS 7537	R. L. Polk & Co.
	d Nelson Robt F EX	R. L. Polk & Co.
	e Vacant	R. L. Polk & Co.
	f Zimrmerman Ed ex	R. L. Polk & Co.
1948	Lapsley C B	Los Angeles Directory Co.
1933	BRAZILL J T	Los Angeles Directory Co.

1241C 21ST ST

Year	Uses	Source
1954	ZIMMERMAN EDW A	R. L. Polk & Co.

1244 21ST ST

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	JOOST Nicholas	Haines & Company
	LENNON James	Haines & Company
1991	WOLLERTON ARTHUR C	Pacific Bell
1985	LOCKE DAVID	Pacific Bell
	MARTIN L	Pacific Bell

FINDINGS

Year	Uses	Source
1975	BECKER M A	Pacific Telephone
	CERVANTEZ ANCELMO A	Pacific Telephone
	ERDMAN C	Pacific Telephone
	LYNCH JOHN H	Pacific Telephone
1970	ASHEROFF MIKHAIL	Pacific Telephone
	LYNCH JOHN H	Pacific Telephone
	SAKAR C K	Pacific Telephone
	BRADEN WEST C MRS	Pacific Telephone
1954	BRADEN W C MRS R	R. L. Polk & Co.
	Eraden Esther W Mrs EX	R. L. Polk & Co.
	b Vacant	R. L. Polk & Co.
	c Cummings Frank	R. L. Polk & Co.
	d Dunn Ralph	R. L. Polk & Co.
1948	Smith R K	Los Angeles Directory Co.
	Gibbs F L	Los Angeles Directory Co.
	Braden Esther Mrs	Los Angeles Directory Co.
	Myers R B S	Los Angeles Directory Co.
	Vacant	Los Angeles Directory Co.
1933	VACANT	Los Angeles Directory Co.
1920	Charroin M D Mrs	Los Angeles Directory Co.

1244A 21ST ST

Year	Uses	Source
1954	WILLIFORD DEWEY C	R. L. Polk & Co.

1245 21ST ST

Year	Uses	Source
2000	XXXX	Haines & Company

1246 21ST ST

Year	Uses	Source
1976	Duenas Rafael Fernandez	Pacific Telephone
1970	ERICSSON R L	Pacific Telephone

1247 21ST ST

Year	Uses	Source
2006	SOBCZAKGenneva	Haines Co., Inc.
2000	MASCHLER W	Haines & Company
	X SANTA MONICA BLVD	Haines & Company
	X ARIZONA AV	Haines & Company

FINDINGS

Year	Uses	Source
1991	KADZSHERL	Pacific Bell
1985	BLOW CHRIS	Pacific Bell
1976	Espinoza Maria	Pacific Telephone
	Craig Fidela	Pacific Telephone
1975	LANG ERIC	Pacific Telephone
1970	LANG ERIE	Pacific Telephone
1954	Lang Geo EX	R. L. Polk & Co.
	ANG EUGENIA	R. L. Polk & Co.
1948	Lang Geo	Los Angeles Directory Co.
1933	LANG GEO	Los Angeles Directory Co.
1920	Price S W	Los Angeles Directory Co.

1247 1/2 21ST ST

Year	Uses	Source
1954	WARD GWEN	R. L. Polk & Co.
	JONES HATTIE L	R. L. Polk & Co.

1248 21ST ST

Year	Uses	Source
1954	BALDWIN GEO P MRS	R. L. Polk & Co.
	Baldwin M Valerie Mrs EX	R. L. Polk & Co.
1948	Massie E M Mrs	Los Angeles Directory Co.
1933	MASSLE E T (O)	Los Angeles Directory Co.

1251 21ST ST

Year	Uses	Source
1976	Southall Lewis	Pacific Telephone
1975	PANICK DOROTHY	Pacific Telephone
1970	MANAHEAN ELSIE C DC	Pacific Telephone
1954	Bazan Wm R	R. L. Polk & Co.
	WHEELOCK VALERIE HEWITT	R. L. Polk & Co.
1948	Emery W H	Los Angeles Directory Co.

1257 21ST ST

Year	Uses	Source
1976	Shehee Marie	Pacific Telephone

FINDINGS

21ST ST E

1223 21ST ST E

Year	Uses	Source
1965	OLEARY JOHN P CONCRETE	Pacific Telephone

1224 21ST ST E

Year	Uses	Source
1951	E 21st Hicks Odis r	Pacific Telephone & Telegraph Co.
	E 21st Johnson Hattie r	Pacific Telephone & Telegraph Co.

1225 21ST ST E

Year	Uses	Source
1951	E 21st Smith Dorothy W r	Pacific Telephone & Telegraph Co.

1234 21ST ST E

Year	Uses	Source
1951	E 21st Bias Bertha r	Pacific Telephone & Telegraph Co.

1235 21ST ST E

Year	Uses	Source
1951	E 21st Whitlow Roger r	Pacific Telephone & Telegraph Co.
	E 21st Chase Rose r	Pacific Telephone & Telegraph Co.

1241 21ST ST E

Year	Uses	Source
1965	MCFAKL JAS	Pacific Telephone

1244 21ST ST E

Year	Uses	Source
1951	E 21st Mitchell Willie r	Pacific Telephone & Telegraph Co.

1245 21ST ST E

Year	Uses	Source
1951	E 21st Carey Madeleine A r	Pacific Telephone & Telegraph Co.

1247 21ST ST E

Year	Uses	Source
1951	E 21st Gardette Ernest r	Pacific Telephone & Telegraph Co.
	E 21st Thompson Alice r	Pacific Telephone & Telegraph Co.

FINDINGS

1251 21ST ST E

Year	Uses	Source
1951	E 21st Stevenson Robt r	Pacific Telephone & Telegraph Co.

1254 21ST ST E

Year	Uses	Source
1951	E 21st Edwards Mary r	Pacific Telephone & Telegraph Co.
	E 21st Holly Walter r	Pacific Telephone & Telegraph Co.

1255 21ST ST E

Year	Uses	Source
1951	E 21st Hardy Ada Mae r	Pacific Telephone & Telegraph Co.
	E 21st Cooper Wyatt r	Pacific Telephone & Telegraph Co.

1265 21ST ST E

Year	Uses	Source
1951	E 21st Perez Joe R r	Pacific Telephone & Telegraph Co.

220TH ST

1312 220TH ST

Year	Uses	Source
1946	* LOUISS ROSES JR	Western Directory Co.

1313 220TH ST

Year	Uses	Source
1946	4B R I3 EDDOE	Western Directory Co.

1319 220TH ST

Year	Uses	Source
1946	* FORREST MORGAN	Western Directory Co.
1940	MORGAN KATIE R MRSH	Western Directory Co.
	MORGAN FORREST I (LILLIAN) LABR	Western Directory Co.

1324 220TH ST

Year	Uses	Source
1946	* IEDWIN MCLEAN	Western Directory Co.

1325 220TH ST

Year	Uses	Source
1946	* 0 K CHADWICK	Western Directory Co.

FINDINGS

1328 220TH ST

Year	Uses	Source
1946	* J T MIMS	Western Directory Co.

1329 220TH ST

Year	Uses	Source
1946	* BEN QOETTSCH	Western Directory Co.

1334 220TH ST

Year	Uses	Source
1946	* V E NUNENATKER	Western Directory Co.

1335 220TH ST

Year	Uses	Source
1946	R S PRICE	Western Directory Co.

1339 220TH ST

Year	Uses	Source
1946	* R S ASHLEY	Western Directory Co.

1342 220TH ST

Year	Uses	Source
1946	J T WIGGINTOXN	Western Directory Co.

1345 220TH ST

Year	Uses	Source
1946	* WZN KINMAN	Western Directory Co.

1348 220TH ST

Year	Uses	Source
1946	* R V HOLLOMON	Western Directory Co.

1349 220TH ST

Year	Uses	Source
1946	* L A RISEL	Western Directory Co.

1354 220TH ST

Year	Uses	Source
1946	J W OATCS	Western Directory Co.

1355 220TH ST

Year	Uses	Source
1946	* G LR CAXNPBELL	Western Directory Co.

FINDINGS

ARIZONA

1800 ARIZONA

Year	Uses	Source
2003	SORNOSO David	Haines & Company

1802 ARIZONA

Year	Uses	Source
2003	GOLI Krisline	Haines & Company

1806 ARIZONA

Year	Uses	Source
2003	PASCHAL Stephen	Haines & Company

1808 ARIZONA

Year	Uses	Source
2003	BEROWN Rober	Haines & Company

1810 ARIZONA

Year	Uses	Source
2003	MASSARO Linda	Haines & Company

1812 ARIZONA

Year	Uses	Source
2003	GUERRERO Ray	Haines & Company

1814 ARIZONA

Year	Uses	Source
2003	MEDINA Susan	Haines & Company
	VERA Remedilos	Haines & Company

1816 ARIZONA

Year	Uses	Source
2003	JABSON Renalo	Haines & Company
	PEREZYad Ira	Haines & Company

1822 ARIZONA

Year	Uses	Source
2003	WEI Huel	Haines & Company

FINDINGS

1824 ARIZONA

Year	Uses	Source
2003	OROSCO Susan	Haines & Company

1826 ARIZONA

Year	Uses	Source
2003	LEO Joseph	Haines & Company

1828 ARIZONA

Year	Uses	Source
2003	LEON R C	Haines & Company

1832 ARIZONA

Year	Uses	Source
2003	OPATTON Curtis	Haines & Company

1834 ARIZONA

Year	Uses	Source
2003	HWANG Mei	Haines & Company

1836 ARIZONA

Year	Uses	Source
2003	CHIU Andy	Haines & Company
	HALLETTTanya	Haines & Company

1838 ARIZONA

Year	Uses	Source
2003	BARRIOSJosephine	Haines & Company

1842 ARIZONA

Year	Uses	Source
2003	GIVENS Lon	Haines & Company

1844 ARIZONA

Year	Uses	Source
2003	CAYABYAB Carolyn	Haines & Company

1846 ARIZONA

Year	Uses	Source
2003	WOO Elena	Haines & Company

FINDINGS

1848 ARIZONA

Year	Uses	Source
2003	WEN Tony	Haines & Company
	ARIZONA 91792 CONT	Haines & Company

1852 ARIZONA

Year	Uses	Source
2003	MARANANAna	Haines & Company

1904 ARIZONA

Year	Uses	Source
2003	LIANGJian	Haines & Company

ARIZONA AVE

1812 ARIZONA AVE

Year	Uses	Source
2006	TOMBROS Helen	Haines Co., Inc.
2000	TOMBROS Helen	Haines & Company
1991	Tombros Helen	Pacific Bell
	TOMBROS HELEN	Pacific Bell
1985	TOMBROS HELEN	Pacific Bell
1980	Tonsbros Helen	Pacific Telephone
1975	MALONEY JAS C	Pacific Telephone
1954	Maloney Jas C EX	R. L. Polk & Co.
1948	Maloney J C	Los Angeles Directory Co.
1940	IRVINE G WV	Los Angeles Directory Co.
1928	ATLDNSON LOTTA MRS	Los Angeles Directory Co.

1813 ARIZONA AVE

Year	Uses	Source
2008	KATHY BRANSFIELD	Cole Information Services
2006	EHRLICH Justin	Haines Co., Inc.
	ADAMS Laurence	Haines Co., Inc.
	ZEEMarsha	Haines Co., Inc.
	GLADAmy	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	FOMNACIARI BRAD C	Pacific Bell
	DEUTSCH STEVE	Pacific Bell
	GROVE WINTHOP	Pacific Bell
	BARRYDAVIDJ	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Losch Bill& Felicia LOS ANGELES 8243428	Pacific Bell
	Loscaizo Isabel	Pacific Bell
	Johnson Leslie Carver	Pacific Bell
	Grovemanl Unda LOS ANGELES 4780487	Pacific Bell
	Grove Winthop	Pacific Bell
	Fomnaciari Brad C	Pacific Bell
	Deutsch Steve	Pacific Bell
	Barry David J	Pacific Bell
	JOHNSON LESLIE CARVER	Pacific Bell
	LOSCAIZO ISABEL	Pacific Bell
1985	SLAFF NORA	Pacific Bell
	JOHNSON LESLIE CARVER	Pacific Bell
	DEUTSCH STEVE	Pacific Bell
	BARRY DAVID J	Pacific Bell

1814 ARIZONA AVE

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	BARTOWGREGG	Pacific Bell
	Bartron Donna 2045409	Pacific Bell
	Bartram J 2777349	Pacific Bell
	Bartow Lynne E SANTA MONICA 44531922	Pacific Bell
	Bartow J LOS ANGELES 4790911	Pacific Bell
	Bartow Gregg	Pacific Bell
1975	KENNGOTT JAS	Pacific Telephone
1954	Bode Alma	R. L. Polk & Co.
1948	Hogan Hazel	Los Angeles Directory Co.
1940	SCH-ULZ IDA IT	Los Angeles Directory Co.
1928	STARR BUREN	Los Angeles Directory Co.

1815 ARIZONA AVE

Year	Uses	Source
2000	X 19TH	Haines & Company
	XXXX	Haines & Company
1954	Carney Edgar W EX	R. L. Polk & Co.
1948	Carney E W	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1940	SMITH LJ B MRS	Los Angeles Directory Co.
1928	BCMECASTLE A E	Los Angeles Directory Co.

1826 ARIZONA AVE

Year	Uses	Source
1954	Brown A J	R. L. Polk & Co.
1948	Cingcade E J Mrs	Los Angeles Directory Co.
1940	SNELLNGS M B RS	Los Angeles Directory Co.
1928	RICHARDS JOHN	Los Angeles Directory Co.

1902 ARIZONA AVE

Year	Uses	Source
2006	ANARAKI Farahmand	Haines Co., Inc.
2000	GOLDSTEIN Erick	Haines & Company
	PENNINGTON Scott	Haines & Company
	TABATABAI M	Haines & Company
1991	Neon Time Sign Co	Pacific Bell
	NEON TIME SIGN CO	Pacific Bell
1985	REST LUCILLE	Pacific Bell
	RAPPAPORT SAM	Pacific Bell
	LUDWIG PETER	Pacific Bell
	LICARDO JOANNE	Pacific Bell
	CARNESCIALI DAVID	Pacific Bell
1980	Schaap Joe	Pacific Telephone
	Nimo Wm	Pacific Telephone
	Dewitt Marc R	Pacific Telephone
	Click Rodney W	Pacific Telephone
	Carnesciali David	Pacific Telephone
	Anderson S	Pacific Telephone
1975	OSWALD MELANIE	Pacific Telephone
	NIMO WM	Pacific Telephone
	HOWARD BETTY	Pacific Telephone
	KARLIN K	Pacific Telephone
	GREENHILL MA	Pacific Telephone
	HALE S L	Pacific Telephone
	KALABASH KLAIRE BELLE	Pacific Telephone

FINDINGS

1914 ARIZONA AVE

Year	Uses	Source
1954	IUhrich Henry EX	R. L. Polk & Co.
1948	Uhrich Henry	Los Angeles Directory Co.
1940	WALKER HAZEL MRS	Los Angeles Directory Co.
1928	SELLERS H B REV	Los Angeles Directory Co.

1915 ARIZONA AVE

Year	Uses	Source
1954	Gerry Sally ex	R. L. Polk & Co.
1948	Powell C W	Los Angeles Directory Co.
1940	OSBORN THOS	Los Angeles Directory Co.
1928	MYERS MANUEL	Los Angeles Directory Co.
1924	Leonaird J G	Los Angeles Directory Co.

1916 ARIZONA AVE

Year	Uses	Source
2006	No Current Listing	Haines Co., Inc.
2000	HONDA Toshiko	Haines & Company
	FOREMAN Raymond Jr	Haines & Company
1991	PETTITFC	Pacific Bell
	Pettit FC	Pacific Bell
1985	PETTIT F C	Pacific Bell
	FROM DAVID	Pacific Bell
1980	Ruhe M	Pacific Telephone
1975	BUHLER PAUL MRS	Pacific Telephone
1954	c Cain Sally	R. L. Polk & Co.
	b Leverett Sydney	R. L. Polk & Co.
	a Tully Bing EX	R. L. Polk & Co.

1920 ARIZONA AVE

Year	Uses	Source
2008	GOOD FOR HEALTH	Cole Information Services
2006	KONG Kyung	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	French Express	Pacific Bell
	FRENCH EXPRESS	Pacific Bell
1980	Fleishman Steve	Pacific Telephone
1975	DELALLA DOUGLAS	Pacific Telephone
1954	Armbrister Frances H EX	R. L. Polk & Co.

Year	Uses	Source
1948	McClelland J H	Los Angeles Directory Co.
1940	GATES M T	Los Angeles Directory Co.

1922 ARIZONA AVE

Year	Uses	Source
1980	Hildreth Ann	Pacific Telephone
1954	Anderson Helen M EX	R. L. Polk & Co.
1948	Nielsen Esther A	Los Angeles Directory Co.
1940	Y2ZAINGSLEY V B	Los Angeles Directory Co.

1925 ARIZONA AVE

Year	Uses	Source
2013	LITTLE CHAPEL OF THE DAWN	Cole Information Services
2008	GATES KINGSLEY GATES	Cole Information Services
	GATES KINGSLEY & GATES MOELLER MURPH	Cole Information Services
	MARK GATES	Cole Information Services
	SERVICE CORP INTERNATIONAL	Cole Information Services
2006	GATES KNGSLY&	Haines Co., Inc.
	GTS MLLR MRPHY	Haines Co., Inc.
	GATES KNGSLY&	Haines Co., Inc.
	GTS MLLR MRPHY	Haines Co., Inc.
	LITTLE CHAPEL OF	Haines Co., Inc.
	THE DAWN	Haines Co., Inc.
2000	GATES KINGSLEY & GATES	Haines & Company
	GATES MARK T	Haines & Company
	LITLE CHAPEL OF THE DAWN	Haines & Company
	REYES YSIDRO	Haines & Company
1991	GATES KINGSLEY & GATES	Pacific Bell
	Gates Mark T	Pacific Bell
	Kingsley Virgil B Gates Kingsley& Gates	Pacific Bell
	Kingsley Water BRENTWOOD	Pacific Bell
	Little Chapel Of The Dawn	Pacific Bell
	Reyes Ysidro Gates Kingsley & Gates	Pacific Bell
	GATES KINGSLEY & GATES	Pacific Bell
	GATES MARK T	Pacific Bell
	KINGSLEY VIRGIL B GATES KINGSLEY& GATES	Pacific Bell
	LLTTLECHAPEL OFTHEDAWN	Pacific Bell

FINDINGS

Year	Uses	Source
1991	REYESYSIDRO GATES KINGSLEY & GATES	Pacific Bell
1985	GATES KINGSLEY & GATES	Pacific Bell
	GATES KINGSLEY & GATES FUNRL DIRS	Pacific Bell
	GATES MARK T	Pacific Bell
	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Bell
	LITTLE CHAPEL OF THE DAWN	Pacific Bell
	REYES YSIDRO GATES KINGSLEY & GATES	Pacific Bell
1980	Gates KIngsley & Gates	Pacific Telephone
	GATES KINGSLEY & GATES funrl dirs	Pacific Telephone
	Gates Mark T	Pacific Telephone
	Kingsley Virgil B Gates Kingsley & Gates	Pacific Telephone
	Little Chapel Of The Dawn	Pacific Telephone
1975	GATES KINGSLEY & GATES FUNRL DIRS	Pacific Telephone
	GATES MARK T	Pacific Telephone
	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Telephone
	LITTLE CHAPEL OF THE DAWN	Pacific Telephone
1954	Gates Kingsley & Gates funeral dirs	R. L. Polk & Co.
	Oldfield Andrew M	R. L. Polk & Co.
1948	Gates Kingsley and Gates funeral dir	Los Angeles Directory Co.
	Barnes G W	Los Angeles Directory Co.
	Flinn H G	Los Angeles Directory Co.
1940	S4GATE(R) KINGSLEY GATES FUNERAL DIR	Los Angeles Directory Co.
	SAMPSON P YE	Los Angeles Directory Co.

1928 ARIZONA AVE

Year	Uses	Source
1948	Milliken H I	Los Angeles Directory Co.

1930 ARIZONA AVE

Year	Uses	Source
2006	HASANAsh	Haines Co., Inc.
	B SILVERSTEIN Ian	Haines Co., Inc.
2000	XXXX	Haines & Company
	X 20TH	Haines & Company
	X 20TH PL	Haines & Company

FINDINGS

Year	Uses	Source
1985	KERSTEN W	Pacific Bell
1980	Mc Andrews Childrens Telephone	Pacific Telephone
	Mc Andrew Thos & Deborah	Pacific Telephone
1975	FINEGOLD JOS	Pacific Telephone
	CLARI DALE N	Pacific Telephone
1954	c Gall Wm F jr EX	R. L. Polk & Co.
	b Bacon Alice J Mrs EX	R. L. Polk & Co.
	a Henry Karl H	R. L. Polk & Co.
	d Bauer Fred W EX	R. L. Polk & Co.
1948	Bauer F W	Los Angeles Directory Co.
	Powell J S	Los Angeles Directory Co.
	Bacon A J Mrs	Los Angeles Directory Co.

2001 ARIZONA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

2014 ARIZONA AVE

Year	Uses	Source
1948	Skelton Eliz T	Los Angeles Directory Co.

2015 ARIZONA AVE

Year	Uses	Source
1920	Temple W :E	Los Angeles Directory Co.

2020 ARIZONA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1954	Hadlock Mary L Mrs EX	R. L. Polk & Co.
1948	Hadlock M L Mrs	Los Angeles Directory Co.
1940	KENT H L	Los Angeles Directory Co.
1928	KENT H L	Los Angeles Directory Co.
1924	Kent T G	Los Angeles Directory Co.
1920	Kent T G	Los Angeles Directory Co.

2021 ARIZONA AVE

Year	Uses	Source
2013	SERENITY	Cole Information Services
	BERKLEY EAST CONVALESCENT HOSPITAL	Cole Information Services

FINDINGS

Year	Uses	Source
2013	SERENITY	Cole Information Services
	BERKLEY EAST CONVALESCENT HOSPITAL	Cole Information Services
2008	ARIZONA & 21ST CORP	Cole Information Services
	PROPERTY TRENDS INC	Cole Information Services
	ARIZONA & 21ST CORP	Cole Information Services
	PROPERTY TRENDS INC	Cole Information Services
2006	BERKLEYEAST	Haines Co., Inc.
	CONVALESCENT	Haines Co., Inc.
	1ST ST	Haines Co., Inc.
2000	BEST INTERIORS	Haines & Company
	MCLEOD Robin	Haines & Company
1991	Physical Therapist 8291747	Pacific Bell
	Butler Llllan	Pacific Bell
	Butler Lori	Pacific Bell
	Hotchkiss Judy Cohen	Pacific Bell
	Hotchkiss Richard S 6521141	Pacific Bell
	Kronson Raymond	Pacific Bell
	Lee S Chas Mrs	Pacific Bell
	Resnick Bhrian RPT & Associates	Pacific Bell
	Resnik Bhrlan physci thrpst	Pacific Bell
	Van Trees June	Pacific Bell
	Van Trees S PACIFIC PALISADES 4594259	Pacific Bell
	Vantrees Vic PACIFIC PALISADES 4596667	Pacific Bell
	BERKLEY EAST CONVALESCENT HOSPITAL	Pacific Bell
	RESNIK BHRLAN PHYSCI THRPST	Pacific Bell
	HOTCHKISS JUDY COHEN	Pacific Bell
	KRONSONRAYMOND	Pacific Bell
	LEES CHAS MRS	Pacific Bell
	RESNICK BHRIAN RPT & ASSOCIATES	Pacific Bell
	VAN TREES JUNE	Pacific Bell
1985	BERKLEY EAST CONVALESCENT HOSPITAL	Pacific Bell
	BURNS RUDLA R	Pacific Bell
	COHEN MELVIN	Pacific Bell
	LEES CHAS MRS	Pacific Bell
	PORTON IDA	Pacific Bell

FINDINGS

Year	Uses	Source
1985	RESNICK BHRIAN RPT & ASSOCIATES	Pacific Bell
	RESNIK BHRIAN PHYSCLTHRPST	Pacific Bell
	WEINBERG H S	Pacific Bell
1981	CENTURY PLAZA PHYSICAL THERAPHY SANTA MONICA	Pacific Telephone
	RESNIK BHRIAN PPT SANTA MONICA	Pacific Telephone
	SHANO JACK RPT SANTA MONICA	Pacific Telephone
1980	Burns Rudia R	Pacific Telephone
	Santa Monica Ofc	Pacific Telephone
	From Los Angeles Telephones Ca	Pacific Telephone
	Denton Lucile	Pacific Telephone
	Denton Mae MSW	Pacific Telephone
	Hodgins Velna	Pacific Telephone
	Klein Jean	Pacific Telephone
	Linz Irma	Pacific Telephone
	May Florence	Pacific Telephone
	Morrifl E S	Pacific Telephone
	Perelman Rose H	Pacific Telephone
	Resnik Bhrian physci thrpst	Pacific Telephone
	Shano Jack physclthrpst	Pacific Telephone
	Sllverstain Bessie	Pacific Telephone
	Silverstein C	Pacific Telephone
	Summerfield Mildred	Pacific Telephone
	Thill Marie	Pacific Telephone
	Zivi Natalie M	Pacific Telephone
1976	Century Plaza Physical Therapy	Pacific Telephone
1975	BERKLEY EAST DIALYSIS SPONSORS INC	Pacific Telephone
	CURTIS FRANCIS D	Pacific Telephone
	BERKLEY EAST CON VALESCENT HOSPITAL SANTA MONICA	Pacific Telephone
	ANDERSON MABEL	Pacific Telephone
	CENTURY PLAZA PHYSICAL THERAPY	Pacific Telephone
	CENTURY PLAZA PHYSICAL THERAPY	Pacific Telephone
	HERTRBERGER ANNA	Pacific Telephone
	ME CARTHY JULIA B	Pacific Telephone
	NACHMAN HENRY L	Pacific Telephone
1954	Kenyon Marion Mrs EX	R. L. Polk & Co.
1948	Kenyon Marion Mrs	Los Angeles Directory Co.
1940	KENYON MARION MRS	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1928	KENRYON MARION MRS	Los Angeles Directory Co.
1924	Vacant	Los Angeles Directory Co.

2024 ARIZONA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
	X 21ST	Haines & Company
1954	Ricci Alt EX	R. L. Polk & Co.
	Newman Reginald F EX	R. L. Polk & Co.
	ROBERTSON SHIRLEY J	R. L. Polk & Co.

2027 ARIZONA AVE

Year	Uses	Source
1954	Warner Edson D EX	R. L. Polk & Co.
1948	Baldwin M V Mrs	Los Angeles Directory Co.
1940	BALDWINETM V MRS	Los Angeles Directory Co.
1928	BALDWIN M V MRS	Los Angeles Directory Co.
1924	Williams 0 A	Los Angeles Directory Co.
1920	Fuller C A	Los Angeles Directory Co.

2035 ARIZONA AVE

Year	Uses	Source
1920	Plues R L	Los Angeles Directory Co.

2101 ARIZONA AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1954	Olsen Harry A	R. L. Polk & Co.

2107 ARIZONA AVE

Year	Uses	Source
1975	HOPE GUILD COTTAGE	Pacific Telephone
1954	Briggs Pearl Mrs EX	R. L. Polk & Co.
1948	Vacant	Los Angeles Directory Co.
	Briggs Pearl Mrs	Los Angeles Directory Co.
1940	ASIRNONSON A V	Los Angeles Directory Co.
1928	PRICE J W	Los Angeles Directory Co.

FINDINGS

2107 1/2 ARIZONA AVE

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.

2109 ARIZONA AVE

Year	Uses	Source
1954	Hopper Richd F EX	R. L. Polk & Co.
1948	Nicassio Margt F	Los Angeles Directory Co.
1940	OS STENLIE FREDK	Los Angeles Directory Co.
1928	YULL ISABELLA MRS	Los Angeles Directory Co.

2111 ARIZONA AVE

Year	Uses	Source
1920	Avery W H	Los Angeles Directory Co.

2121 ARIZONA AVE

Year	Uses	Source
2013	MASTER SANDBLASTING	Cole Information Services
2006	o WALKER Portia	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	LOPEZMARIA DE LA LUZ	Pacific Bell
	Browning K BEL AIR 4702402	Pacific Bell
	Browning K & S	Pacific Bell
	Lopez Maria De La Luz	Pacific Bell
	BROWNINGJANE	Pacific Bell
	REISEVA	Pacific Bell
	Reis Eva	Pacific Bell
	Browning Joseph 8371894	Pacific Bell
	Browning Jane	Pacific Bell

2125 ARIZONA AVE

Year	Uses	Source
2013	CONNELLA JACK PHD SHORR CLINIC	Cole Information Services
2008	LOS ANGELES BREAST CANCER ALLIANCE	Cole Information Services
	WILAND BELL PRODUCTIONS	Cole Information Services
	CONNELLA JACK DR	Cole Information Services
2006	SUSAN INSURANCE	Haines Co., Inc.
	KINESIS	Haines Co., Inc.
	LA BREAST	Haines Co., Inc.
	CANCER ALLIANCE	Haines Co., Inc.

FINDINGS

2107 1/2 ARIZONA AVE

Year	Uses	Source
1940	VACANT	Los Angeles Directory Co.

2109 ARIZONA AVE

Year	Uses	Source
1954	Hopper Richd F EX	R. L. Polk & Co.
1948	Nicassio Margt F	Los Angeles Directory Co.
1940	OS STENLIE FREDK	Los Angeles Directory Co.
1928	YULL ISABELLA MRS	Los Angeles Directory Co.

2111 ARIZONA AVE

Year	Uses	Source
1920	Avery W H	Los Angeles Directory Co.

2121 ARIZONA AVE

Year	Uses	Source
2013	MASTER SANDBLASTING	Cole Information Services
2006	o WALKER Portia	Haines Co., Inc.
2000	XXXX	Haines & Company
1991	LOPEZMARIA DE LA LUZ	Pacific Bell
	Browning K BEL AIR 4702402	Pacific Bell
	Browning K & S	Pacific Bell
	Lopez Maria De La Luz	Pacific Bell
	BROWNINGJANE	Pacific Bell
	REISEVA	Pacific Bell
	Reis Eva	Pacific Bell
	Browning Joseph 8371894	Pacific Bell
	Browning Jane	Pacific Bell

2125 ARIZONA AVE

Year	Uses	Source
2013	CONNELLA JACK PHD SHORR CLINIC	Cole Information Services
2008	LOS ANGELES BREAST CANCER ALLIANCE	Cole Information Services
	WILAND BELL PRODUCTIONS	Cole Information Services
	CONNELLA JACK DR	Cole Information Services
2006	SUSAN INSURANCE	Haines Co., Inc.
	KINESIS	Haines Co., Inc.
	LA BREAST	Haines Co., Inc.
	CANCER ALLIANCE	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	WILAND BELL	Haines Co., Inc.
	PRODUCTIONS	Haines Co., Inc.
	CENTERFOR	Haines Co., Inc.
	HEALTHY AGING	Haines Co., Inc.
	CENTERFOR	Haines Co., Inc.
	HEALTHY AGING OR	Haines Co., Inc.
	CONNELLA JACK	Haines Co., Inc.
	SHORR CLINIC PHD	Haines Co., Inc.
	FREEMAN EVELYN L	Haines Co., Inc.
	HARTENBAUM	Haines Co., Inc.
2000	CENTER FOR HEALTHY AGING	Haines & Company
	FREEMAN EVELYN L PHD	Haines & Company
	WOMENS OPPRTNTS RSRCS & KNWLDGE	Haines & Company
	X 22ND	Haines & Company
1991	Freeman Evelyn LPh D	Pacific Bell
	Senior Health & Peer	Pacific Bell
	Senior Health & Peer	Pacific Bell
	Senior Health & Peer Counseling Center	Pacific Bell
	Or 8280563	Pacific Bell
	Senior Mark	Pacific Bell
	FREEMAN EVELYN LPHD	Pacific Bell
	SENIOR HEALTH & PEER	Pacific Bell
	SENIOR HEALTH & PEER	Pacific Bell
	SENIOR HEALTH & PEER COUNSELING CENTER	Pacific Bell
1985	HOPE GUILD COTTAGE INC	Pacific Bell
	SENIOR HEALTH & PEER COUNSELING CENTER	Pacific Bell
1980	Bettinger John S DOS	Pacific Telephone
	Bettinger L	Pacific Telephone
	Cheng Samuel K DDS	Pacific Telephone
	Grossman Frank D DDS	Pacific Telephone
	Health Clinic For The Elderly	Pacific Telephone
	Hopper Douglas MD	Pacific Telephone
	Lewis Richard J MD	Pacific Telephone
	Santa Monica Bay Area Health Screening Clinic For The Elderly	Pacific Telephone
	Santa Monica Doctors Building	Pacific Telephone
	SANTA MONICA NURSES REGISTRY	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	BETTINGER JOHN S DOS	Pacific Telephone
	BROWN DOUGLAS K DOS	Pacific Telephone
	CHENG SAMUEL K DDS	Pacific Telephone
	CROFT LEONARD E PHYS & SURG	Pacific Telephone
	HOFFMAN I KENNETH MD	Pacific Telephone
	HOFFMAN KENNETH MD	Pacific Telephone
	HOPPER DOUGLAS MD	Pacific Telephone
	LIBUSER LAWRENCE E DOS	Pacific Telephone
1954	Santa Monica Doctors Bldg	R. L. Polk & Co.
	Doctors Bldg Prescription Pharm	R. L. Polk & Co.
	Croft Leonard E phys EX	R. L. Polk & Co.
	De Paulo Vincent J phys EX	R. L. Polk & Co.
	Gruber Fred G phys EX	R. L. Polk & Co.
	Kirshen Harry W phys EX	R. L. Polk & Co.
	Madden Donald J phys Smith Bernard H phys EX	R. L. Polk & Co.
	Smith Blaein L phys EX	R. L. Polk & Co.
	Smith V Lyman phys EX	R. L. Polk & Co.

Arizona Avenue

2021 Arizona Avenue

Year	Uses	Source
2006	BERKLEYEAST	Haines Co., Inc.
	CONVALESCENT	Haines Co., Inc.
	1ST ST	Haines Co., Inc.
2000	BEST INTERIORS	Haines & Company
	MCLEOD Robin	Haines & Company
1991	HOTCHKISS JUDY COHEN	Pacific Bell
	RESNICK BHRIAN RPT & ASSOCIATES	Pacific Bell
	KRONSONRAYMOND	Pacific Bell
	LEES CHAS MRS	Pacific Bell
	VAN TREES JUNE	Pacific Bell
	BERKLEY EAST CONVALESCENT HOSPITAL	Pacific Bell
	RESNIK BHRLAN PHYSCI THRPST	Pacific Bell
	Resnick Bhrian RPT & Associates	Pacific Bell
	Resnik Bhrlan physci thrpst	Pacific Bell
	Lee S Chas Mrs	Pacific Bell
	Kronson Raymond	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Physical Therapist 8291747	Pacific Bell
	Butler Lillian	Pacific Bell
	Butler Lori	Pacific Bell
	Hotchkiss Judy Cohen	Pacific Bell
	Hotchkiss Richard S 6521141	Pacific Bell
	Van Trees June	Pacific Bell
	Van Trees S PACIFIC PALISADES 4594259	Pacific Bell
	Vantrees Vic PACIFIC PALISADES 4596667	Pacific Bell
1985	COHEN MELVIN	Pacific Bell
	LEES CHAS MRS	Pacific Bell
	BERKLEY EAST CONVALESCENT HOSPITAL	Pacific Bell
	BURNS RUDLA R	Pacific Bell
	RESNIK BHRIAN PHYSCLTHRPST	Pacific Bell
	RESNICK BHRIAN RPT & ASSOCIATES	Pacific Bell
	PORTON IDA	Pacific Bell
	WEINBERG H S	Pacific Bell
1981	SHANO JACK RPT SANTA MONICA	Pacific Telephone
	RESNIK BHRIAN PPT SANTA MONICA	Pacific Telephone
	CENTURY PLAZA PHYSICAL THERAPHY SANTA MONICA	Pacific Telephone
1980	Shano Jack physclthrpst	Pacific Telephone
	Summerfield Mildred	Pacific Telephone
	Morrifl E S	Pacific Telephone
	Thill Marie	Pacific Telephone
	Hodgins Velna	Pacific Telephone
	Perelman Rose H	Pacific Telephone
	Burns Rudla R	Pacific Telephone
	May Florence	Pacific Telephone
	From Los Angeles Telephones Ca	Pacific Telephone
	Santa Monica Ofc	Pacific Telephone
	Resnik Bhrian physci thrpst	Pacific Telephone
	Zivi Natalie M	Pacific Telephone
	Klein Jean	Pacific Telephone
	Denton Lucile	Pacific Telephone
	Denton Mae MSW	Pacific Telephone
	Linz Irma	Pacific Telephone
	Silverstein C	Pacific Telephone

Year	Uses	Source
1980	Sllverstain Bessie	Pacific Telephone
1976	Century Plaza Physical Therapy	Pacific Telephone
1975	BERKLEY EAST CON VALESCENT HOSPITAL SANTA MONICA	Pacific Telephone
	CURTIS FRANCIS D	Pacific Telephone
	BERKLEY EAST DIALYSIS SPONSORS INC	Pacific Telephone
	HERTRBERGER ANNA	Pacific Telephone
	CENTURY PLAZA PHYSICAL THERAPY	Pacific Telephone
	CENTURY PLAZA PHYSICAL THERAPY	Pacific Telephone
	ME CARTHY JULIA B	Pacific Telephone
	NACHMAN HENRY L	Pacific Telephone
	ANDERSON MABEL	Pacific Telephone
1954	Kenyon Marion Mrs EX	R. L. Polk & Co.
1948	Kenyon Marion Mrs	Los Angeles Directory Co.
1940	KENYON MARION MRS	Los Angeles Directory Co.
1928	KENRYON MARION MRS	Los Angeles Directory Co.
1924	Vacant	Los Angeles Directory Co.

ARIZONA PL

1812 ARIZONA PL

Year	Uses	Source
1965	MALONEY JAS C	Pacific Telephone
	SMART ELLEN M MRS	Pacific Telephone
1962	MALONEY JAS C	Pacific Telephone
1958	MALONEY JAS C R	Pacific Telephone
1954	MALONEY JAS C R	R. L. Polk & Co.

1814 ARIZONA PL

Year	Uses	Source
1965	SCOTT CLAY	Pacific Telephone
1962	CUA TICE VIRGINIA	Pacific Telephone
	SCOTT CLAY	Pacific Telephone
1958	BODE ALMA	Pacific Telephone

1815 ARIZONA PL

Year	Uses	Source
1965	HILL GERTRUDE	Pacific Telephone
1962	HILL GERTRUDE	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	HILL GERTRUDE	Pacific Telephone
1954	CARNEY E W	R. L. Polk & Co.

1826 ARIZONA PL

Year	Uses	Source
1965	BROWN AGNES M	Pacific Telephone
1962	BROWN AGNES M	Pacific Telephone
1958	BROWN AGNES IVM	Pacific Telephone

1902 ARIZONA PL

Year	Uses	Source
1970	SCHLESINGER MICHAEL	Pacific Telephone
1965	VAN ALPHEN ALAN	Pacific Telephone
	TRUNDLE DONALD E	Pacific Telephone
	POWERS R J	Pacific Telephone
	PERRY BETTY C	Pacific Telephone
	DORACK CHAS E	Pacific Telephone
	CARNALL DONALD	Pacific Telephone
	KLATT RICHARD	Pacific Telephone
1962	LEUISG S W DR	Pacific Telephone
	KONECCI EUGENE B	Pacific Telephone
	HOFUR G HENRY	Pacific Telephone
	COPELAND PHILIP M	Pacific Telephone
	POWERS R J	Pacific Telephone
	CANNALL DONALD	Pacific Telephone

1915 ARIZONA PL

Year	Uses	Source
1958	GILBERT ROBT E	Pacific Telephone
1954	POWELL JOHN S	R. L. Polk & Co.

1916 ARIZONA PL

Year	Uses	Source
1965	DONNELLEY ALICE	Pacific Telephone
	VENNER KATHRYN	Pacific Telephone
	MILLERET JOYCE	Pacific Telephone
1962	GECLI AGNES C	Pacific Telephone
	DONNELLEY ALICE	Pacific Telephone

FINDINGS

1916A ARIZONA PL

Year	Uses	Source
1958	SCHOLL MARY	Pacific Telephone
1954	TULLY BING	R. L. Polk & Co.

1920 ARIZONA PL

Year	Uses	Source
1965	DICKSON ALEX	Pacific Telephone
1958	ARMBRISTER CYRIL MRS	Pacific Telephone
1954	ARMBRISTER CYRIL MRS	R. L. Polk & Co.

1922 ARIZONA PL

Year	Uses	Source
1965	JENKINS LUELLA	Pacific Telephone
1958	SOCORRO ALONZO	Pacific Telephone
	WALTER GABRIELLE	Pacific Telephone
1954	WEBER MARY L	R. L. Polk & Co.
	ANDERSON HELEN M	R. L. Polk & Co.

1925 ARIZONA PL

Year	Uses	Source
1970	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Telephone
1965	GATES KINGSLEY & GATES FUNRL DIRS	Pacific Telephone
	GATES MARK T	Pacific Telephone
	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Telephone
	LITTLE CHAPEL OF THE DAWN	Pacific Telephone
	COOK JOS	Pacific Telephone
1962	LITTLE CHAUEL OF THE DAWN	Pacific Telephone
	GETMAN BEN W	Pacific Telephone
	GATES KINGSLEY & GATES FUNRL DIRS	Pacific Telephone
	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Telephone
	GATES MARK T	Pacific Telephone
	KING NATHAN W	Pacific Telephone
1958	PALMER SHEILA	Pacific Telephone
	PALMER JOS C	Pacific Telephone
	KINGSLEY VIRGIL B GATES KINGSLEY & GATES	Pacific Telephone

Year	Uses	Source
1958	GETMAN BEN W	Pacific Telephone
	GATES MARK T	Pacific Telephone
	GATES KINGSLEY & GATES FUNDL DIRS	Pacific Telephone
1954	SCARBOROUGH JAS H	R. L. Polk & Co.
	GATES KINGSLEY & GATES FUNRL DIRS	R. L. Polk & Co.
	GATES MARK T	R. L. Polk & Co.
	KINGSLCY VIRGIL B GATES KINGSLEY & GATES	R. L. Polk & Co.
	LITTLE CHAPEL OF THE DAWN	R. L. Polk & Co.
	OLDFIELD ANDREW M	R. L. Polk & Co.

1930 ARIZONA PL

Year	Uses	Source
1965	CHASE JULIE	Pacific Telephone
	BAUER GLADYS V	Pacific Telephone
	WALTER RICHARD	Pacific Telephone
	PUNG WANDA	Pacific Telephone
1962	ELLIOTT JANSA	Pacific Telephone
	CHASE JULIE	Pacific Telephone
	BURNHAM W (ENDALL	Pacific Telephone
	BAUER GLADYS V	Pacific Telephone
1958	PERRY FRANK	Pacific Telephone
	BAUER FRED W	Pacific Telephone
1954	HENRY KARL R	R. L. Polk & Co.
	BAUER FRED W	R. L. Polk & Co.

1930B ARIZONA PL

Year	Uses	Source
1958	SMITH DOROTHEA E RN	Pacific Telephone

2020 ARIZONA PL

Year	Uses	Source
1965	HOPE GUILD COTTAGE	Pacific Telephone
1958	HADLOCK MARY L	Pacific Telephone
1954	HADLOCK MARY L R	R. L. Polk & Co.

2021 ARIZONA PL

Year	Uses	Source
1962	TAYLOR CAROL L	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	KENYON MARLAN MRS R	Pacific Telephone
1954	KENYON MARIAN MRS R	R. L. Polk & Co.

2024 ARIZONA PL

Year	Uses	Source
1970	ENCINAS R BARNABY	Pacific Telephone
1962	CODA EVIS J MD	Pacific Telephone
1958	CLEMENT JOANNE D	Pacific Telephone
	CLIFTON DARLENE JOYCE	Pacific Telephone
	HANSEN R M	Pacific Telephone
	MICNAUGHTON COLLEEN	Pacific Telephone
	MCNAUGHTON GENEVIEVE	Pacific Telephone
	RAINERY DEAN	Pacific Telephone
	WILLIAMS MERITA F	Pacific Telephone
1954	SIA ELIZABETH	R. L. Polk & Co.
	JOHNSON MARY LOU	R. L. Polk & Co.
	MORRISEY JEAN	R. L. Polk & Co.
	NEWMAN REGINALD F	R. L. Polk & Co.
	RICCI ALFRED	R. L. Polk & Co.

2027 ARIZONA PL

Year	Uses	Source
1958	THORPE C B	Pacific Telephone
1954	WARNER EDSON	R. L. Polk & Co.

2101 ARIZONA PL

Year	Uses	Source
1965	HANAN FRANK	Pacific Telephone
1962	HANAN FRANK	Pacific Telephone
1958	PIEPER NORBERT W	Pacific Telephone
1954	HEIMLICH MIRIAM G DR	R. L. Polk & Co.
	HEIMLICH ERNEST M DR	R. L. Polk & Co.

2107 ARIZONA PL

Year	Uses	Source
1970	DE GRACE SALVATORE	Pacific Telephone
1965	SANTA MONICA	Pacific Telephone
1958	BRIGGS PEARL E R	Pacific Telephone
1954	BRIGGS PEARL E R	R. L. Polk & Co.

2109 ARIZONA PL

Year	Uses	Source
1965	HOPPER RICHARD F	Pacific Telephone
1962	HOPPER RICHARD F	Pacific Telephone
1958	HOPPER RICHARD F	Pacific Telephone
1954	HOPPER RICHARD F	R. L. Polk & Co.

2125 ARIZONA PL

Year	Uses	Source
1970	BAKER HOWARD H DRUGST	Pacific Telephone
	CHRIST HOWARD S DRUGST	Pacific Telephone
	MADDEN DONALD J MD	Pacific Telephone
	TURCHIN JOS M PODTRST	Pacific Telephone
1965	AAEXANDER H B MD	Pacific Telephone
	DOCTORS BUILDING DRUGST	Pacific Telephone
	FLOCTOR S PRESCRIPTION PHARMACY	Pacific Telephone
	GRUBER FREDERICK G MD	Pacific Telephone
	HAASE GERISARD K MD OFC	Pacific Telephone
	HUNTER WEE E	Pacific Telephone
	SANTA MONICA DOCTORS BUILDING	Pacific Telephone
	SANTA MONICA DOCTORS BUILDING	Pacific Telephone
	SMITH V LYMAN MD	Pacific Telephone
	TURCHIN JOS M PODIATRIST	Pacific Telephone
	MADDEN DONALD J MD	Pacific Telephone
	CROFT LEONARD E PHYS & SURG	Pacific Telephone
	CHRIST HOWARD S DRGST SANTA MONICA	Pacific Telephone
1962	HUNTER WINNETKA E	Pacific Telephone
	SMITH V LYMAN MD	Pacific Telephone
	ALEXANDER H B MD	Pacific Telephone
	BAKER HOWARD H DRUGST	Pacific Telephone
	BUTTERMANN KLAUS W MD	Pacific Telephone
	CLRIST HOWARD S DRUGST	Pacific Telephone
	CROFT LEONARD E PHYS & SURG	Pacific Telephone
	DE PAULO VINCENT J MD	Pacific Telephone
	DOCTORS BUILDINRG DRUGST	Pacific Telephone
	DOCTOR S PRESCRIPTION PHARMACY	Pacific Telephone
	GRUBER FREDERICK G MD	Pacific Telephone
	HADDAD GEO MD	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	MADDEN DONALD J MD	Pacific Telephone
	QURROZ JORGE I MD	Pacific Telephone
	SANTA MONICA DOCTORS BUILDING	Pacific Telephone
	SANTA MONICA DOCTOIS BUILDING	Pacific Telephone
	SMITH BERNAID H MD	Pacific Telephone
	GRUBER-DE PAULO MEDICAL GROUP SANTA MONICA	Pacific Telephone
1958	ALEXANDER H B MD	Pacific Telephone
	BAKER HOWARD H DRUGST	Pacific Telephone
	CHRIST HOWARD S DRUGST	Pacific Telephone
	ROFT LEONARD E PHYS & SURG	Pacific Telephone
	DE PAULO VINCENT J MD	Pacific Telephone
	DOCTORS BUITDING DRUGST	Pacific Telephone
	DOCTOR S PRESCRIPTION PHARMACY	Pacific Telephone
	GRUBER FREDERICK G MD	Pacific Telephone
	KIRSHEN HARRY W DENTIST	Pacific Telephone
	MADDEN DONALD J MD	Pacific Telephone
	SANTA MONICA DOCTORS BUILDING	Pacific Telephone
	SANTA MONICA DOCTORS BUILDING	Pacific Telephone
	SMITH BERNARD H MD	Pacific Telephone
	SMITH BERNARD H MD	Pacific Telephone
	SMITH V LYMAN MD	Pacific Telephone
	VALENTINE L F MD	Pacific Telephone
1954	ALEXANDER H B MD	R. L. Polk & Co.
	CLARK GEO E DR	R. L. Polk & Co.
	DE PAULO VINCENT J MD	R. L. Polk & Co.
	DOCTOR S BLDG RX PHARMACY	R. L. Polk & Co.
	DOCTORS LAB OF SANTA MONICA	R. L. Polk & Co.
	KIRSHEN HARRY W DENTIST	R. L. Polk & Co.
	MEDICAL CENTER PRESCRIPTION PHARMACY	R. L. Polk & Co.
	SANTA MONICA DOCTORS BLDG IRNC	R. L. Polk & Co.
	SMITH BERNARD H MD	R. L. Polk & Co.
	SMITH BERNARD H MD	R. L. Polk & Co.
	SNIITH V LYMAN MD	R. L. Polk & Co.

E 19TH ST

1210 E 19TH ST

Year	Uses	Source
1954	SUTTON J H	R. L. Polk & Co.

1215 E 19TH ST

Year	Uses	Source
1991	Texaco Service Stn Dirs Hollydale Garfield Av & Century Blvd SGt Paramount Garfield Av & Alondra Blvd Paramnt Signal Hill	Pacific Bell

1218 E 19TH ST

Year	Uses	Source
1954	RILEY MATHEW A R	R. L. Polk & Co.

1225 E 19TH ST

Year	Uses	Source
1954	CARLSON ELMA H	R. L. Polk & Co.

1227 E 19TH ST

Year	Uses	Source
1954	PLEASANT S W	R. L. Polk & Co.

1231 E 19TH ST

Year	Uses	Source
1954	HALL MATTIEV	R. L. Polk & Co.

1233 E 19TH ST

Year	Uses	Source
1954	FUHRER JOHNJ	R. L. Polk & Co.

1237 E 19TH ST

Year	Uses	Source
1954	CARLSON GEO M	R. L. Polk & Co.

1239 E 19TH ST

Year	Uses	Source
1954	ORTH MARY MCDANIEL	R. L. Polk & Co.

FINDINGS

1241 E 19TH ST

Year	Uses	Source
1954	GRANTHAM L D R	R. L. Polk & Co.

1243 E 19TH ST

Year	Uses	Source
1954	MURPHY CHAS D	R. L. Polk & Co.

1245 E 19TH ST

Year	Uses	Source
1954	R	R. L. Polk & Co.

1247 E 19TH ST

Year	Uses	Source
1954	ORDUNO ADOLFO	R. L. Polk & Co.

1278 E 19TH ST

Year	Uses	Source
1954	BROWN MARIE	R. L. Polk & Co.

1286 E 19TH ST

Year	Uses	Source
1954	BALDAUF GERTRUDE	R. L. Polk & Co.

1294 E 19TH ST

Year	Uses	Source
1954	PELOT JERRY H R	R. L. Polk & Co.

N 19TH ST

1218 N 19TH ST

Year	Uses	Source
1960	RAYBURN JOHN T	Pacific Telephone

1236 N 19TH ST

Year	Uses	Source
1960	DEAK HELEN	Pacific Telephone

1258 N 19TH ST

Year	Uses	Source
1966	NICKOLS DAVID	Pacific Telephone

FINDINGS

N ARIZONA AVE

1922 N ARIZONA AVE

Year	Uses	Source
1942	TUCKER Wm U Glenn auto rets	Los Angeles Directory Co.

S 18TH ST

1285 S 18TH ST

Year	Uses	Source
1975	MACHIKELIAN MESROP	Pacific Telephone

S ARIZONA AVE

1804 S ARIZONA AVE

Year	Uses	Source
1942	CHAPMAN Marvel H mech	Los Angeles Directory Co.

1924 S ARIZONA AVE

Year	Uses	Source
1929	Tison Alvin J linemn h	Los Angeles Directory Co.

1938 S ARIZONA AVE

Year	Uses	Source
1933	Quigley Winifred M envelope sealer	Los Angeles Directory Co.

SANTA MONICA BLVD

2121 SANTA MONICA BLVD

Year	Uses	Source
2013	SAINT JOHNS HEALTH CENTER	Cole Information Services

W 21ST UP I

1254 W 21ST UP I

Year	Uses	Source
1975	Upland Bible Church IFCA	GTE

WILSHIRE BLVD

1831 WILSHIRE BLVD

Year	Uses	Source
2013	SUMBODY FITNESS LLC	Cole Information Services
	ACCESS NETWORKS	Cole Information Services
	GREENBERG RICHARD MD	Cole Information Services
2008	HEALTH THROUGH MOTION CENTER	Cole Information Services
	CONCORD HIGH SCHOOL	Cole Information Services
	H R BLOCK	Cole Information Services
2006	CONCORD HIGH	Haines Co., Inc.
	SCHOOL	Haines Co., Inc.
	GREENBERG	Haines Co., Inc.
	RICHARD A MD	Haines Co., Inc.
	HEALTHTHROUGH	Haines Co., Inc.
	MOTION CENTER	Haines Co., Inc.
2000	ABRAMS Ruth	Haines & Company
	CONCORD HIGH SCHOOL	Haines & Company
	H & R BLOCK PREMIUM	Haines & Company
	PHOTO FINISH	Haines & Company
1991	Axe Norman Gatty	Pacific Bell
	Axe Norman Gatty	Pacific Bell
	Commercial Custom Lab	Pacific Bell
	Custom Lab	Pacific Bell
	Custom Laundry & Cleaners	Pacific Bell
	Custom Maid Inc MALIBU	Pacific Bell
	Durchfort David E atty	Pacific Bell
	Herzog Barry Allen	Pacific Bell
	Kramer Dad Matty	Pacific Bell
	Kramer David& Shlley MALIBU 45765	Pacific Bell
	Ke Deborah ULa Gorce VENICE 306347	Pacific Bell
	Meyer Christine	Pacific Bell
	One Hour Photo Finish Inc	Pacific Bell
	PHOTO FINISH INC	Pacific Bell
	Ross Richard P Law Offices Of	Pacific Bell
	Stem Jack Real Estate Investment	Pacific Bell
	AXENORMAN GATTY	Pacific Bell
	COMMERCIAL CUSTOM LAB	Pacific Bell
	CUSTOM LAB	Pacific Bell

FINDINGS

Year	Uses	Source
1991	DURCHFORT DAVID E ATTY	Pacific Bell
	HERZOGBARRYALIEN	Pacific Bell
	KRAMERDADMATTY	Pacific Bell
	MEYER CHRISTINE	Pacific Bell
	NUTRI-SYSTEM WEIGHT LOSS CENTER	Pacific Bell
	ONE HOUR PHOTO FINISH INC	Pacific Bell
	PHOTO FINISH INC	Pacific Bell
	ROSS RICHARD P LAWOFFICES OF	Pacific Bell
	STEM JACK REAL ESTATE INVESTMENT	Pacific Bell
1985	AXE NORMAN G ATTY	Pacific Bell
	AXE NORMAN G ATTY	Pacific Bell
	COOPER KENNETH D ATTY	Pacific Bell
	CRUISE CENTER	Pacific Bell
	DURCHFORT DAVID E ATTY	Pacific Bell
	FIDEC INVESTMENT MANAGEMENT INC	Pacific Bell
	GLAZER DIANE ROSS PHD	Pacific Bell
	GREENEBAUM KATHARINE E ATTY	Pacific Bell
	HERZOG BARRY ALLEN	Pacific Bell
	HOTHOGO	Pacific Bell
	INDEPENDENT TRAVEL SERVICE OF SANTA MIONICA	Pacific Bell
	INTERPAC MARKET GROUP	Pacific Bell
	INTERSPORT TRAVEL	Pacific Bell
	INTERTRAV INC	Pacific Bell
	KRAMER DAVID TM ATTY	Pacific Bell
	LEE GARDEN HOTEL	Pacific Bell
	ODYSSEY TOURS INC	Pacific Bell
	ONE HOUR PHOTO FINISH INC	Pacific Bell
	ORIENT VISTOURS INC	Pacific Bell
	PHOTO FINISH INC	Pacific Bell
	ROSS RICHARD P LAW OFFICES OF	Pacific Bell
	SANTA MONICA INDEPENDENT TRAVEL SERVICE	Pacific Bell
	SCHWARTZ JEFFREY ATTY	Pacific Bell
	STEM JACK REAL ESTATE INVESTMENT	Pacific Bell

1833 WILSHIRE BLVD

Year	Uses	Source
1954	McIlvain Harold real est EX	R. L. Polk & Co.
	CRAWFORD RALPH TAX	R. L. Polk & Co.
1948	Auto Finance Co	Los Angeles Directory Co.
1924	Neclands W R	Los Angeles Directory Co.
1920	Barnhardt Lizzie Mrs	Los Angeles Directory Co.

1835 WILSHIRE BLVD

Year	Uses	Source
1975	JOHNNY DEE MOTORS	Pacific Telephone
1965	SACHS MORRIE	Pacific Telephone
	MILES MOTORS AUTOS	Pacific Telephone
1962	SACHS MORRIE	Pacific Telephone
	REDDY CO TANKS	Pacific Telephone
1958	REDDY CO TANKS	Pacific Telephone
	MILES MOTORS AUTOS	Pacific Telephone
1954	Hohman Vince used cars EX	R. L. Polk & Co.

1854 WILSHIRE BLVD

Year	Uses	Source
1940	ATUTTLE H R	Los Angeles Directory Co.

1855 WILSHIRE BLVD

Year	Uses	Source
1940	PAUL M P MRS	Los Angeles Directory Co.

1893 WILSHIRE BLVD

Year	Uses	Source
1990	UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	STEWART B LYMAN MD	Pacific Bell
	ASAI PAUL M MD	Pacific Bell
	BOGAARD THOMAS P MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	KHETAN UMAKANT MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	LAU MICHAEL W MD	Pacific Bell
	MENDEZ RAFAEL G MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	MENDEZ ROBERT MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell

Year	Uses	Source
1986	BOGAARD THOMAS P MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	KHETAN UMAKANT MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	LAU MICHAEL W MD	Pacific Bell
	MENDEZ RAFAEL G MD UROLGICAL CONSLTANTS MEDICAL GROUP INC	Pacific Bell
	MENDEZ ROBERT MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	STEWART B LYMAN MD	Pacific Bell
	UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
	VARGAS ALEXANDER D MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Bell
1981	MEDICAL GROUP INC	Pacific Telephone
	MENDEZ RAFAEL G MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Telephone
	MENDEZ ROBERT MD UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Telephone
	UROLOGICAL CONSULTANTS MEDICAL GROUP INC	Pacific Telephone
1980	BELT ELMER MEDICAL GROUP INC LOS ANGELES	Pacific Telephone
1962	ELMER BELT URELOGIC GROUP	Pacific Telephone

1900 WILSHIRE BLVD

Year	Uses	Source
1948	Erickson A L confy	Los Angeles Directory Co.
1940	OAFARADA KAKUJI NURSERYMNN	Los Angeles Directory Co.

1901 WILSHIRE BLVD

Year	Uses	Source
2008	HOUSE OF BILLIARDS	Cole Information Services
	CENTIMETER INTERIOR	Cole Information Services
	AMIR UPHOLSTERY	Cole Information Services
	CENTIMETER INTERIOR DESIGN & UPHOLST	Cole Information Services
2006	AMIR UPHOLSTERY	Haines Co., Inc.
	CENTIMETER	Haines Co., Inc.
	INTERIOR DSGN&	Haines Co., Inc.
	UPHOL	Haines Co., Inc.
	HOUSEOF	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	BILLIARDS	Haines Co., Inc.
2000	GAME TRENDS	Haines & Company
	HANNAH HANSEN COUPON ORGNZRS	Haines & Company
	HANOVER MARKETING CORP	Haines & Company
	HOUSE OF BILLIARDS	Haines & Company
	ROTHMAN Marion	Haines & Company
1991	AMIR UPHOLSTERY	Pacific Bell
	CENTEMETER INTERIOR DESIGN	Pacific Bell
	HOUSE OF BILLIARDS	Pacific Bell
	AMIR UPHOLSTERY	Pacific Bell
	Centemeter Interior Design	Pacific Bell
	House Of Billiards	Pacific Bell
1985	HOUSE OF BILLIARDS	Pacific Bell
	SANTA MONICA REBUILDERS	Pacific Bell
1980	House Of Billiards	Pacific Telephone
1975	HOUSE OF BILLIARDS	Pacific Telephone
1965	WILSHIRE BILLIARDS	Pacific Telephone
	FLOYD S FOOD MKT	Pacific Telephone
1962	EARL S FOOD CENTER	Pacific Telephone
	EARL S FOOD CENTER	Pacific Telephone
1958	CARL S MKT	Pacific Telephone
1954	Carls Mkt gro EX	R. L. Polk & Co.
	CARLS MKT	R. L. Polk & Co.
1948	Caplan Harry gro	Los Angeles Directory Co.

1901A WILSHIRE BLVD

Year	Uses	Source
1975	CAROLE S STUDIO	Pacific Telephone

1902 WILSHIRE BLVD

Year	Uses	Source
2013	PARK AVE CLEANERS	Cole Information Services
2008	PARK AVE CLEANERS	Cole Information Services
2006	PARKAVE	Haines Co., Inc.
	CLEANERS	Haines Co., Inc.
2000	PARK AVE CLEANERS	Haines & Company
1991	Fashion Collection The	Pacific Bell
	FASHION COLLECTION THE	Pacific Bell
1985	CHIC THE AFFORDABLE BOUTIQUE	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Santa Monica	Pacific Telephone
1965	BROCATO J A CO RL EST	Pacific Telephone
1962	BROCATO J A CO RL EST	Pacific Telephone
1958	ERIC S ICE CREAM CO	Pacific Telephone
1954	Erics Fine Ice Cream confry EX	R. L. Polk & Co.
	ABBOTT FROZEN DESSERTS & CO	R. L. Polk & Co.
	ERIC S ICE CREAM CG	R. L. Polk & Co.

1903 WILSHIRE BLVD

Year	Uses	Source
1990	CUEVAS ALONSO GALLARDO	Pacific Bell
	DOMINGUEZ MORENA	Pacific Bell
	GONZALEZ ARTURO R	Pacific Bell
	GUEVARA GUILLERMO	Pacific Bell
	GUTIEL RAINA	Pacific Bell
	LINARES R H	Pacific Bell
	LOPEZ JOSE CLARA	Pacific Bell
	MENDEZ VICTOR HUGO	Pacific Bell
	PICHE CANDLDO	Pacific Bell
	TORRES EMEDINA	Pacific Bell
1986	BAQUERO MERCEDES	Pacific Bell
	BOREGO ZOILA C	Pacific Bell
	CABRERA MARIO	Pacific Bell
	CORADO RENE	Pacific Bell
	CORDON MARIA ISABEL	Pacific Bell
	CRUZ ERNESTO	Pacific Bell
	FELIX DANIEL	Pacific Bell
	PINEDA ROSA	Pacific Bell
	SAENZ JOSE A	Pacific Bell
1981	AMADOR MARIA LUISA	Pacific Telephone
	AUFLEGER TONI	Pacific Telephone
	BOREGO JOSE R	Pacific Telephone
	CARRASCO JORGE EFRAIN	Pacific Telephone
	CHACON THELMA	Pacific Telephone
	CHAVARRIA CHRISTINA	Pacific Telephone
	CORDON MARIA ISABEL	Pacific Telephone
	ENRIQUEZ ABIGAIL	Pacific Telephone
	FORD JOHN	Pacific Telephone
	GALINDO RICARDO	Pacific Telephone

Year	Uses	Source
1981	JUAREZ DORA	Pacific Telephone
	MARTINEZ SALVADOR	Pacific Telephone
	MCLAUGHLIN R J	Pacific Telephone
	MENDEZ SERGIO	Pacific Telephone
	NAVA MIGUEL	Pacific Telephone
	SAENZ JOSE A	Pacific Telephone
	SALGUERO MARIA ESTRELA	Pacific Telephone
	URRUTIA MORELIA	Pacific Telephone
	VALLE BERTA	Pacific Telephone
	WHEELER RUTH	Pacific Telephone
1940	EMERTON NELLIE M	Los Angeles Directory Co.
1920	Moore J D	Los Angeles Directory Co.

1903 1/2 WILSHIRE BLVD

Year	Uses	Source
1940	HOFFMAN JAS	Los Angeles Directory Co.

1904 WILSHIRE BLVD

Year	Uses	Source
2008	KENNETH GEORGE SANCTUARY	Cole Information Services
2000	XXXX	Haines & Company
1991	BELLE AMIE	Pacific Bell
	Belle Amie	Pacific Bell
1980	Santa Monica	Pacific Telephone
1965	BARBARAPARSONS SCHOOL OF DANCE	Pacific Telephone
1958	BARTON JIM INS	Pacific Telephone
	ASKI NED C RL EST	Pacific Telephone
1954	SWISS PASTRY & COOKIE SHOP	R. L. Polk & Co.
	Swiss Pastry & Cookie Shop EX	R. L. Polk & Co.
1948	Brile S H radios	Los Angeles Directory Co.

1905 WILSHIRE BLVD

Year	Uses	Source
1990	GIANT EXPRESS INC	Pacific Bell
1986	PIP PRINTING ALVARADO	Pacific Bell
	PIP PRINTING CORPORATE HEADQUARTERS	Pacific Bell
1981	PIP	Pacific Telephone
	POSTAL INSTANT PRESS	Pacific Telephone

FINDINGS

Year	Uses	Source
1940	ROBERTSON ROBT	Los Angeles Directory Co.

1906 WILSHIRE BLVD

Year	Uses	Source
1991	Nails Rose	Pacific Bell
	NAILS ROSE	Pacific Bell
1985	NAILS ROSE	Pacific Bell
1975	BLOCK H & R TAX PREPRTN	Pacific Telephone
1965	R & B ART-CRAFT CO	Pacific Telephone
1958	LUIGI S PIZZA RESTRNT	Pacific Telephone
1954	Wilshire Grill restr EX	R. L. Polk & Co.
	LUIGI S PIZZA RESTRNT	R. L. Polk & Co.
1948	Weymouth C L restr	Los Angeles Directory Co.

1907 WILSHIRE BLVD

Year	Uses	Source
2008	HALLMARK CLEANERS	Cole Information Services
2006	HALLMARK	Haines Co., Inc.
	CLEANERS	Haines Co., Inc.
2000	HALLMARK CLEANERS	Haines & Company
	MCCLOSKEY John	Haines & Company
1991	Hallmark Cleaners Inc	Pacific Bell
	HALLMARK CLEANERS INC	Pacific Bell
1985	HALLMARK CLEANERS INC	Pacific Bell
1980	HALLMARK CLEANERS	Pacific Telephone
1975	HA11MARK CLEANERS	Pacific Telephone
1965	HALLMARK CLEANERS	Pacific Telephone
1962	HALLMARK DRY CHNRS	Pacific Telephone
1958	HALLMARK DRY CLNRS	Pacific Telephone
	TEDFORD HOWARD H CINR	Pacific Telephone
1954	Hallmark Clns EX	R. L. Polk & Co.
	HALLMARK DRY CLNRS	R. L. Polk & Co.
	TEDFORD HOWARD H CLNR	R. L. Polk & Co.
1948	Tedford H H clo clnr	Los Angeles Directory Co.
1940	STOUT FRED	Los Angeles Directory Co.

1908 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company

FINDINGS

Year	Uses	Source
1975	MOON DAVIID B DR	Pacific Telephone
1965	MOON DAVID B OR	Pacific Telephone
1962	MOON DAVID B DR	Pacific Telephone
1958	MOON DAVID B DR	Pacific Telephone
1954	MOON DAVID B DR	R. L. Polk & Co.
	Field Eliz G Mrs chiropractor EX	R. L. Polk & Co.
	Moon David B chiropractor EX	R. L. Polk & Co.
1948	Field Eliz G chiropractor	Los Angeles Directory Co.
	Moon D B chiropractor	Los Angeles Directory Co.
1928	KOCH R L	Los Angeles Directory Co.

1909 WILSHIRE BLVD

Year	Uses	Source
2013	CHANDNI VEGETARIAN RESTAURANT	Cole Information Services
2008	CHANDNI CUISINE OF INDIA	Cole Information Services
2006	CHANDNI	Haines Co., Inc.
	VEGETARIAN	Haines Co., Inc.
	Rest AURANT	Haines Co., Inc.
	CHANDNI	Haines Co., Inc.
	VEGETARIAN	Haines Co., Inc.
	Rest AURANT	Haines Co., Inc.
2000	CHANDNI VEGETARIAN RESTAURANT	Haines & Company
1991	CHARTREUSE RESTAURANT	Pacific Bell
	CHARTREUSE RESTAURANT	Pacific Bell
1990	NASTY JACK S	Pacific Bell
1986	NASTY JACK S	Pacific Bell
1985	ITALIA RESTAURANT	Pacific Bell
	RESTAURANT ITALIA	Pacific Bell
1981	NASTY JACK S	Pacific Telephone
1980	Italia Restaurant	Pacific Telephone
	Restaurant Italia	Pacific Telephone
1975	L A RIVIERA RESTAURANT	Pacific Telephone
1940	CATHEY OSCAR	Los Angeles Directory Co.
	DAVIS THOS	Los Angeles Directory Co.

1909 1/2 WILSHIRE BLVD

Year	Uses	Source
1940	WATTERSON OB	Los Angeles Directory Co.

FINDINGS

1910 WILSHIRE BLVD

Year	Uses	Source
2013	THAI DISHES	Cole Information Services
2008	THAI DISHES	Cole Information Services
2006	THAI DISHES	Haines Co., Inc.
	THAIDISHES	Haines Co., Inc.
2000	THAI DISHES	Haines & Company
	THAI DISHES	Haines & Company
1991	THAI DISHES	Pacific Bell
	THAI DISHES	Pacific Bell
1985	THAI DISHES	Pacific Bell
1980	Guadalajara Inn	Pacific Telephone
	GUADALAJARA INN	Pacific Telephone
1975	ULOTI MAHAL	Pacific Telephone
1965	LUIGI S PIZZA RESTRNT	Pacific Telephone
1962	MINI S PIZZA RESTRET	Pacific Telephone
1958	KNAUS CHAS PHOTOGRAPHY	Pacific Telephone
1954	Cooley Studio photog EX	R. L. Polk & Co.
	COOLEY STUDIOS PHOTO	R. L. Polk & Co.
1948	McNey Ernest photog	Los Angeles Directory Co.

1911 WILSHIRE BLVD

Year	Uses	Source
2013	ARCADE HEARING AID CENTER	Cole Information Services
	SONUS HEARING CARE CENTER	Cole Information Services
2008	SONUS HEARING CARE PROFESSIONALS	Cole Information Services
	SONUS	Cole Information Services
2006	CARE CENTER	Haines Co., Inc.
	SONUS	Haines Co., Inc.
	SONUSHEARING	Haines Co., Inc.
2000	SONUS	Haines & Company
1991	For Swingers Golf & Sportswear	Pacific Bell
	Swingers Golf & Sportswear	Pacific Bell
	FOR SWINGERS GOLF & SPORTSWEAR	Pacific Bell
	SWINGERS GOLF & SPORTSWEAR	Pacific Bell
1985	JOHNSON PENNY	Pacific Bell
	PORTOBELLO PLACE	Pacific Bell
1981	JOHNSON PENNY SANTA MONICA	Pacific Telephone

Year	Uses	Source
1981	PORTOBELLO PLACE SANTA MONICA	Pacific Telephone
1980	Glenn Don Interiors	Pacific Telephone
	From Los Angeles Telephones Cal	Pacific Telephone
	International Society Interior Designers	Pacific Telephone
1976	Glenn Don Interiors	Pacific Telephone
1975	GLENN DON INTERIORS	Pacific Telephone
1971	Glenn Don Interiors	Pacific Telephone
1965	TEDFORDS LIQUOR STORE	Pacific Telephone
1962	TEDFORD S LIQUOR STORE	Pacific Telephone
1958	ONEILL S LIQUOR STORE	Pacific Telephone
1954	ONeills Liquors EX	R. L. Polk & Co.
	ONEILL S LIQUOR STORE	R. L. Polk & Co.
1948	Klabunde H A liquors	Los Angeles Directory Co.

1912 WILSHIRE BLVD

Year	Uses	Source
1991	RONNIE MCHELS SALON	Pacific Bell
	RONNYMICHEL S SALON	Pacific Bell
	Michels Roni Salon	Pacific Bell
	Michels Shari R WESTLOS ANGELES 4471434	Pacific Bell
	Michels Toni MALIBU 4579023	Pacific Bell
	Michels Toni 4593174	Pacific Bell
	ROW MICIELS SALON	Pacific Bell
	Ronk Steve PLAYA DEL REY 8219193	Pacific Bell
	Ronnie Mchels Salon	Pacific Bell
	Ronning Douglas	Pacific Bell
	Ronny Michels Salon	Pacific Bell
	MICHEL S RONI SALON	Pacific Bell
	ROW MICIEL S SALON	Pacific Bell
1985	MICHEL S RONI SALON	Pacific Bell
	RONI IVLTCHEL S SALON	Pacific Bell
	RONNIE MICHEL S SALON	Pacific Bell
	RONNY MICHEL S SALON	Pacific Bell
1980	Murphy Pat bty saln	Pacific Telephone
	Teds Hair Salon	Pacific Telephone
1965	SARA MORGAN BEAUTY SALON	Pacific Telephone
1962	SARA MORGAN BEAUTY SALON	Pacific Telephone
1958	LILLIAN S BEAUTY SALON	Pacific Telephone

Year	Uses	Source
1954	Ann & Kens hairdrsrs EX	R. L. Polk & Co.
	OLEEFE INS AGCY	R. L. Polk & Co.
	OKEEFE WM J INS	R. L. Polk & Co.
1948	Barks Wm elec supp	Los Angeles Directory Co.
	Farmers Ins Group	Los Angeles Directory Co.

1913 WILSHIRE BLVD

Year	Uses	Source
2013	PLUMB LINE PILATES PHYSICAL THERAPY	Cole Information Services
1991	JELLISON TRAVEL SERVICE INC	Pacific Bell
	From Los Angeles Tephnes Ca 8705659	Pacific Bell
	Jelt Mni DA PLAYA DEL REY 8271002	Pacific Bell
	JELLISON TRAVEL SERVICE INC	Pacific Bell
1990	JEILISON TRAVEL SERVICE INC SANTA MONICA	Pacific Bell
1986	JELLISON TRAVEL SERVICE INC SANTA MONICA	Pacific Bell
1985	JELLISON TRAVEL SERVICE INC	Pacific Bell
1980	JELLISON TRAVEL SERVICE INC	Pacific Telephone
	From Los Anirlos Terlephones Call	Pacific Telephone
1976	Jellison Travel Service Inc	Pacific Telephone
1975	JELLISON TRAVEL SERVICE INC	Pacific Telephone
1971	Jellison Travel Service	Pacific Telephone
1967	Jellison Travel Service	Pacific Telephone

1914 WILSHIRE BLVD

Year	Uses	Source
2013	SALON NESOU	Cole Information Services
2008	KENNETH GEORGE SANCTUARY	Cole Information Services
	FAY TOTAL IMAGE INC	Cole Information Services
2006	8 GEORGE KENNETH	Haines Co., Inc.
	SALON	Haines Co., Inc.
	KENNETH GEORGE	Haines Co., Inc.
	KENNETH GEORGE	Haines Co., Inc.
	SANCTUARY	Haines Co., Inc.
	SANCTUARYTHE	Haines Co., Inc.
2000	GEORGE KENNETH SALON	Haines & Company
	KENNETH GEORGE INC SALON	Haines & Company
	KENNETH GEORGE SANCTUARY	Haines & Company

FINDINGS

Year	Uses	Source
2000	SANCTUARY THE	Haines & Company
1985	PREFERRED STOCK	Pacific Bell
1980	North American	Pacific Telephone
	SANTA MONICA VOLVO & FIAT SERVICE	Pacific Telephone
1965	JULES TOP SH OCEAN PARK	Pacific Telephone
1962	JULES T OCEAN PARK SH OCEAN PARK	Pacific Telephone
1958	JULES T OCEAN PARK SHQP	Pacific Telephone
1954	Jules Top Shop auto tops EX	R. L. Polk & Co.
	JULES TOPANGA SHOP	R. L. Polk & Co.
1948	Shawver D R auto repr	Los Angeles Directory Co.
1928	SHAWVER D R AUTO REPR	Los Angeles Directory Co.

1915 WILSHIRE BLVD

Year	Uses	Source
2013	ANNS FLOWERS	Cole Information Services
2008	ANNS FLOWERS	Cole Information Services
2006	ANNS FLOWERS	Haines Co., Inc.
2000	ANNS FLOWERS	Haines & Company
1991	ANNS FLOWERS	Pacific Bell
	ANN S FLOWERS	Pacific Bell
1990	ADDGYSI ADRIAN Z OD	Pacific Bell
	EYE INSTITUTE OF LOS ANGELES	Pacific Bell
	EYE INSTITUTE OF LOS ANGELES-A MEDICAL GROUP	Pacific Bell
	LEVEILLE ALBERT S M MD	Pacific Bell
	POPOVICH STEPHEN J MD	Pacific Bell
	THE EYE INSTITUTE OF LOS ANGELES	Pacific Bell
1986	EYE INSTITUTE OF LOS ANGELES-A MEDICAL GROUP	Pacific Bell
	LEVEILLE ALBERT S M MD	Pacific Bell
	LEVEILLE ALBERT S MD	Pacific Bell
	POPOVICH STEPHEN J MD	Pacific Bell
	THE EYE INSTITUTE OF LOS ANGELES	Pacific Bell
1985	ANN S FLOWERS	Pacific Bell
1981	POPOVICH STEPHEN J MD	Pacific Telephone
1980	ANNS FLOWERS	Pacific Telephone
1975	ANN S FLOWERS	Pacific Telephone
	ANN S FLOWERS	Pacific Telephone

Year	Uses	Source
1958	ANN S FLOWERS	Pacific Telephone
	ANN S FLOWERS	Pacific Telephone
1954	Anns Flowers EX	R. L. Polk & Co.
	ANN S FLOWERS	R. L. Polk & Co.
1948	Brownsberge H C florist	Los Angeles Directory Co.
1928	WILSHIRE BLVD DEVELOPMENT ASSN	Los Angeles Directory Co.

1916 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1965	CARLSON ROBT T RL EST	Pacific Telephone
1962	CARLSON ROBT T RL EST	Pacific Telephone
1958	CARLSON ROBT T RL EST	Pacific Telephone
	LANGE KARL H RL EST	Pacific Telephone
1954	ELOISE BEAUTY SALON	R. L. Polk & Co.
	Thompson Donovan W real eat EX	R. L. Polk & Co.
1948	Olson Eloise beauty shop	Los Angeles Directory Co.
	Goldfaden Jules auto tops	Los Angeles Directory Co.

1917 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1991	PACIFIC PRINTING	Pacific Bell
	ICHIMAN INC PRINTING DEPT	Pacific Bell
	Pacific Printing	Pacific Bell
	Ichiman Inc Printing Dept	Pacific Bell

1919 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1980	Williams Antiques	Pacific Telephone

1921 WILSHIRE BLVD

Year	Uses	Source
2000	COFER DAMONA A MFCC	Haines & Company
	CHRISTIANSEN A MARK	Haines & Company
	BLITS JAQUES DC	Haines & Company
	BON APPETIT	Haines & Company
	CENTURY FEDRL BLDG ABEDIAN SONBOL	Haines & Company

Year	Uses	Source
2000	CALE CHARLES GRIFFIN	Haines & Company
	BRONK BRIAN DC	Haines & Company
1940	YAMANALCA HARRY	Los Angeles Directory Co.

1923 WILSHIRE BLVD

Year	Uses	Source
1958	PEDIGREE CARS	Pacific Telephone
1954	Ransom Motors auto dirs EX	R. L. Polk & Co.

1925 WILSHIRE BLVD

Year	Uses	Source
1990	AMERICAN COLLEGE OF SURGEONS	Pacific Bell
	SOCAP INC	Pacific Bell
	MEDICAL ASSOCIATION OF L A COUNTY	Pacific Bell
	LOS ANGELES SURGICAL SOCIETY THE	Pacific Bell
	L A COUNTY MEDICAL ASSOCIATION	Pacific Bell
	L A FOUNDATION FOR MEDICAL CARE	Pacific Bell
1986	MEDICAL ASSOCIATION OF L A COUNTY	Pacific Bell
	L A COUNTY MEDICAL ASSOCIATION AUXILIARY	Pacific Bell
	L A COUNTY MEDICAL ASSOCIATION	Pacific Bell
1981	MEDICAL ASSOCIATION OF L A COUNTY	Pacific Telephone
	L A COUNTY MEDICAL ASSOCIATION AUXILIARY	Pacific Telephone
	L A COUNTY MEDICAL ASSOCIATION	Pacific Telephone
1980	L A COUNTY MEDICAL ASSN-GLENDALE DISTRICT LOS ANGELES	Pacific Telephone
1940	STANZA LOUIS GRO	Los Angeles Directory Co.

1927 WILSHIRE BLVD

Year	Uses	Source
1940	OSTARRNAN HLILDA MRS	Los Angeles Directory Co.

1929 WILSHIRE BLVD

Year	Uses	Source
1967	HOME SAVINGS & LOAN ASSOCIATION Other Branches	Pacific Telephone

1930 WILSHIRE BLVD

Year	Uses	Source
1990	CALIF HEARING AID SERVICE	Pacific Bell
	CANOUT FELIX R MS RPT	Pacific Bell
	CENTRAL MEDICAL CLINIC	Pacific Bell
	CREDIT SERVICES OF AMERICA	Pacific Bell
	DADEX INC	Pacific Bell
	FLORES LOUIS ATTY	Pacific Bell
	FRIEND RAY K HOLLINGSWORTH INSURANCE	Pacific Bell
	HELFERD NORRIS	Pacific Bell
	HISPANIC SERVICES OF AMERICA	Pacific Bell
	HOLLINGSWORTH INSURANCE	Pacific Bell
	JAPAN TELECOM INC	Pacific Bell
	JORGE A MANRIQUE INS AGCY	Pacific Bell
	LOGOPAEDIC CLINIC	Pacific Bell
	LONGERICH MARY C PHD SPEECH PATHLGST	Pacific Bell
	M G A ASSOCIATES VOCATNL MNGMNT	Pacific Bell
	M G A ASSOCIATES VOCATNL MNGMNT	Pacific Bell
	M L	Pacific Bell
	MANN M C JR HOLLINGSWORTH INSURANCE	Pacific Bell
	MANRIQUE JORGE A INS	Pacific Bell
	MASTER APPRAISERS	Pacific Bell
	NICKELSON MYLESSA	Pacific Bell
	PCT INTERNATL CORP	Pacific Bell
	PACIFIC IPA MEDICAL GROUP	Pacific Bell
	REGINA CUTTING BOARD	Pacific Bell
	ROARK AND MOORE ATTYS	Pacific Bell
	SANTA FE MEDICAL CLINIC	Pacific Bell
	SPEECH AIDS	Pacific Bell
	SUNSHINE JANITORIAL SERVICE	Pacific Bell
	UNITED CAREERS COLLEGE	Pacific Bell
	WEDEMEYER H C HOLLINGSWORTH INSURANCE	Pacific Bell
	WEST COAST NEWS	Pacific Bell
	WILEMON WILLIAM K DR	Pacific Bell
	WILSHIRE PARKSIDE MEDICAL CLINIC	Pacific Bell

FINDINGS

Year	Uses	Source
1990	WILSHIRE PHYSICAL THERAPY & SPORTS REHABILITATION	Pacific Bell
	WILSHIRE WESTLAKE MEDICAL GROUP	Pacific Bell
	AFFILIATED LANDLORDS	Pacific Bell
	AKAMINE EDWIN S DNTST	Pacific Bell
	AMERICAN AMATEUR KARATE FEDERATION	Pacific Bell
	ASPA ROBT S GT	Pacific Bell
	BISHOP INTERNATIONAL	Pacific Bell
	CALIF CAREER TRAINING	Pacific Bell
1986	WEBSTER DALE M SCIENTIFIC MEDICAL LABS INF	Pacific Bell
	WEDEMEYER H C HOLLINGSWORTH INSURANCE	Pacific Bell
	WEST COAST NEWS	Pacific Bell
	WILSHIRE PHYSICAL THERAPY ASSOCIATES	Pacific Bell
	WILSHIRE WESTLAKE MEDICAL GROUP	Pacific Bell
	AFFILIATED LANDLORDS	Pacific Bell
	AKAMINE EDWIN S DNTST	Pacific Bell
	AMERICAN AMATEUR KARATE FEDERATION	Pacific Bell
	ASPAC INVESTMENT CORP	Pacific Bell
	AT YOUR SERVICE INC	Pacific Bell
	AT YOUR SERVICE TRAVEL	Pacific Bell
	BONNIE BRAE MEDICAL CLINIC	Pacific Bell
	BONNIE BRAE MEDICAL CLINIC	Pacific Bell
	CAL-TRANS	Pacific Bell
	CALIF CAREER TRAINING	Pacific Bell
	CALIF CAREER TRAINING	Pacific Bell
	CALIFORNIA FAIR PLAN ASSOCAITION	Pacific Bell
	CALIF HEARING AID SERVICE	Pacific Bell
	COLLINS KENNETH L	Pacific Bell
	DOCTORS INDIVIDUAL PRACTICE ASSN	Pacific Bell
	DRAGON EXPRESS INCORPORATED	Pacific Bell
	FAIR PLAN THE	Pacific Bell
	FLORES LOUIS ATTY	Pacific Bell
	FOLINSKY BARRY M ATTY	Pacific Bell
	FREEMAN M J PH D	Pacific Bell

FINDINGS

Year	Uses	Source
1986	FRIEND RAY K HOLLINGSWORTH INSURANCE	Pacific Bell
	GUTIERREZ FRANCISCO H ATTY	Pacific Bell
	GUTIERREZ & GUTIERREZ ATTYS	Pacific Bell
	GUTIERREZ OSCAR H ATTY	Pacific Bell
	HART CO	Pacific Bell
	HELFERD NORRIS	Pacific Bell
	HOLLINGSWORTH INSURANCE	Pacific Bell
	HOUSING ASSISTANCE PAYMENT OFFICES AFTER CARE AND MOD REHAB PROGRAM	Pacific Bell
	JAPAN TELECOM INC	Pacific Bell
	JONESI & FOLINSKY ATTYS	Pacific Bell
	JONESI JOSEPH J ATTY	Pacific Bell
	JORGE A MANRIQUE INS AGCY	Pacific Bell
	KOTZKER MICHAEL S ATTY	Pacific Bell
	LOGOPAEDIC CLINIC	Pacific Bell
	LONGERICH MARY C PHD SPEECH PATHLGST	Pacific Bell
	L A FOUNDATION FOR MEDICAL CARE	Pacific Bell
	MANN M C JR HOLLINGSWORTH INSURANCE	Pacific Bell
	MANRIQUE JORGE A INS	Pacific Bell
	NETWORK REPORTING SYSTEMS	Pacific Bell
	NICKELSON MYLESSA	Pacific Bell
	PCT INTERNATL CORP	Pacific Bell
	PACIFIC COAST REGIONAL SMALL BUSINESS DEVELOPMENT CORP	Pacific Bell
	REGINA CUTTING BOARD	Pacific Bell
	ROARK AND MOORE ATTYS	Pacific Bell
	SANTA FE MEDICAL CLINIC	Pacific Bell
	SCIENTIFIC MEDICAL LABS INC	Pacific Bell
	SILVA E MD	Pacific Bell
	SPEECH AIDS	Pacific Bell
	STRATEGIC INSURANCE SERVICES	Pacific Bell
	TAKENAKA & ASSOCIATES	Pacific Bell
1981	AMERICAN EXCHANGE INC	Pacific Telephone
	AMERICAN SECURITY	Pacific Telephone
	APTITUDE TESTING FOR INDUSTRY	Pacific Telephone
	ASSOCIATED MEDICAL EXAMINATIONS	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	ATKINS PROPERTIES	Pacific Telephone
	BEHAN RICHARD A PH D	Pacific Telephone
	JAMES LOEW & MARR ATTYS	Pacific Telephone
	BROWNE FRED ATTY	Pacific Telephone
	BROWNFIELD GEO E OSHMAN BROWNFIELD & SMITH ATTYS	Pacific Telephone
	BULLION RESERVE OF NORTH AMERICA	Pacific Telephone
	CAL-TRONICS SALES CO WATCHES	Pacific Telephone
	CALIFORNIA FAIR PLAN ASSOCIATION	Pacific Telephone
	CALIF HEARING AND SERVICE	Pacific Telephone
	COLSTON THOS CO INS	Pacific Telephone
	CONTI & PALERMO INC INS	Pacific Telephone
	CUTTING BOARD THE	Pacific Telephone
	DISTRICT LODGE 94 I A M & A W HEALTH & WELFARE TRUST FUND	Pacific Telephone
	DOWNTOWN PHYSICAL THERAPY	Pacific Telephone
	DRAGON EXPRESS INCORPORATED	Pacific Telephone
	EARLEY JAS P ATTY	Pacific Telephone
	FAIR PLAN THE	Pacific Telephone
	FOLINSKY BARRY M ATTY	Pacific Telephone
	MERGENTHALER SERVICE DEPT	Pacific Telephone
	MITCHELL REPORT	Pacific Telephone
	MOSS & SHESTER	Pacific Telephone
	NILSEN CLINIC THE	Pacific Telephone
	NILSEN JOHN A MD	Pacific Telephone
	NOON & PRATT CT REPRTRS	Pacific Telephone
	OSHMAN BROWNFIELD & SMITH ATTYS	Pacific Telephone
	OSHMAN RICHARD H OSHMAN BROWNFIELD & SMITH ATTYS	Pacific Telephone
	P C T INTERNATL CORP	Pacific Telephone
	PACIFIC COAST REGIONAL SMALL BUSINESS DEVELOPMENT CORP	Pacific Telephone
	REAL VINCENT ATTY	Pacific Telephone
	REGAL ASSISTANCE	Pacific Telephone
	ROARK AND MOORE ATTYS	Pacific Telephone
	ROBCO INVESTMENTS	Pacific Telephone
	SANDBERG ROBERT C LOEW & MARR ATTYS	Pacific Telephone
	SCIENTIFIC MEDICAL LABS INC	Pacific Telephone

Year	Uses	Source
1981	SELWYN & CAPALBO	Pacific Telephone
	SMITH ROBT R OSHMAN BROWNFIELD & SMITH ATTYS	Pacific Telephone
	SPEECH AIDS	Pacific Telephone
	STARK WILLARD G DR	Pacific Telephone
	STASSFORTH BOWEN D INS	Pacific Telephone
	STASSFORTH HOWARD INS	Pacific Telephone
	ACCU-PLAN	Pacific Telephone
	AKAMINE EWIN S DNTST	Pacific Telephone
	ALL AMERICA KARATE FEDERATION	Pacific Telephone
	AMERICAN AMATEUR KARATE FEDERATION	Pacific Telephone
	HUGHES E A RORY LOEW & MARR ATTYS	Pacific Telephone
	INDEPENDENT CONSULTING & MANAGEMENT	Pacific Telephone
	INTERNATIONAL ASSOCIATION OF MACHINISTS AND AEROSPACE WORKERS DISTRICT LODG	Pacific Telephone
	INTERNATL BROTHERHOOD OF ELECTRICAL WORKERS UNION LOCAL 2295	Pacific Telephone
	INTERNATIONAL INVESTIGATIONS CORP-INVESCORP	Pacific Telephone
	JEL CO	Pacific Telephone
	JOHNSON FRANK RPT	Pacific Telephone
	JONESI & FOLINSKY ATTYS	Pacific Telephone
	JONESI JOSEPH J ATTY	Pacific Telephone
	KOTZKER & GRIENAUER ATTYS	Pacific Telephone
	LANIER BUSINESS PRODUCTS	Pacific Telephone
	LANIER BUSINESS PRODUCTS	Pacific Telephone
	LANIER BUSINESS PRODUCTS	Pacific Telephone
	LANIER BUSINESS PRODUCTS	Pacific Telephone
	LAW OFFICES OF GREENLY & ZACHARY	Pacific Telephone
	LEGAL PSYCHOLOGY & PSYCHIATRY CENTER	Pacific Telephone
	LEOGRANDIS STEPHEN DR INC	Pacific Telephone
	LOEW & MARR ATTYS	Pacific Telephone
	LOEW ROBERT J LOEW & MARR ATTYS	Pacific Telephone
	LOGOPEREDIC CLINIC	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	LONGERICH MARY C PH D SPEECH PATHLGST	Pacific Telephone
	MADRID EDUARDO M ATTY	Pacific Telephone
	MANN M C JR HOLLINGSWORTH INSURANCE	Pacific Telephone
	MARR CECIL LOEW & MARR ATTYS	Pacific Telephone
	MATRIX INVESTIGATION	Pacific Telephone
	MAYFAIR GIFT	Pacific Telephone
	MCKEEVER RODNEY A NOON & PRATT CT REPRTRS	Pacific Telephone
	MCMULLAN CO	Pacific Telephone
	MERGENTHALER LINOTYPE CO	Pacific Telephone
	FOLINSKY STAURT I ATTY	Pacific Telephone
	FRANCIS EDNA E J ATTY	Pacific Telephone
	FREEMAN M J PHD	Pacific Telephone
	FREITAS ALFERD M ATTORNEY AT LAW	Pacific Telephone
	FRIEND RAY K HOLLINGSWORTH INSURANCE	Pacific Telephone
	GATEWAY U S A	Pacific Telephone
	GEORGE MANRIQUE INS AGCY	Pacific Telephone
	HAAS W ASSOCIATES ARCHTS	Pacific Telephone
	HAN SAN TRADING CO	Pacific Telephone
	HARTFORD FIRE INSURANCE CO SOCAP CLAIMS	Pacific Telephone
	HELFERD NORRIS	Pacific Telephone
	HOLLINGSWORTH INSURANCE	Pacific Telephone
	HOUSING AUTHORITY OF THE CITY OF L A LEASED HOUSING AREA OFFICES	Pacific Telephone
	STASSFORTH SAVE	Pacific Telephone
	T P D ASSOCIATES INC	Pacific Telephone
	TAKENAKA KOMUTEN CO LTD	Pacific Telephone
	VIOLE ARMAND MD	Pacific Telephone
	WANDBERG HAROLD S MD	Pacific Telephone
	WARDLEY DEVELOPMENT INC	Pacific Telephone
	WEBSTER DALE M SCIENTIFIC MEDICAL LABS INC	Pacific Telephone
	WEDEMEYER H C HOLLINGSWORTH INSURANCE	Pacific Telephone
	WHITE J ST PAUL HOLLINGSWORTH INSURANCE	Pacific Telephone
	WILLIAMS HAROLD L ASSOCIATES	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	WILSHIRE EAST PROPERTIES	Pacific Telephone
	WILSHIRE WESTLAKE MEDICAL GROUP	Pacific Telephone
	WORLD TRADE LINGUISTICS	Pacific Telephone
1962	HORN PAULA MD BEVERLY HILLS OFC	Pacific Telephone
1958	OLSON FREDERICLC A MD	Pacific Telephone
1954	OLSON FREDERICK A MD R	R. L. Polk & Co.
1940	SHUSHO JIMMIE	Los Angeles Directory Co.
1939	GIBSON WILLIAM R DR PHYSICIAN AND SURGEON	Los Angeles Directory Co.
1934	JONES LLOYD ORREN MD (LUCINA) PHYSICIAN AND SURGEON	Los Angeles Directory Co.
	LLOYD-JONES ORREN MDT (LUCINA) PHYSICIAN AND SURGEON	Los Angeles Directory Co.

1931 WILSHIRE BLVD

Year	Uses	Source
2013	GAP	Cole Information Services
2008	GAP	Cole Information Services
2006	GAPTHESNTA	Haines Co., Inc.
	GAPKIDS	Haines Co., Inc.
2000	GAP THE STORES SANTA MONICA	Haines & Company
	GAP KIDS	Haines & Company
1991	GAP THE	Pacific Bell
	THE GAP STORES	Pacific Bell
	Santa Monica	Pacific Bell
	Santa Monica	Pacific Bell
1985	GAP THE STORES	Pacific Bell
	THE GAP STORES	Pacific Bell
1980	Santa Monica	Pacific Telephone
	Santa Monica	Pacific Telephone
1975	GAP THE	Pacific Telephone
1965	SERVICE BUREAU CORP THE TABLATNG SERV A SUBSIDIARY OF IBM	Pacific Telephone
1962	SERVICE BUREAU CORP THE CALCULATNG SERV A SUBSIDIARY OF IBM	Pacific Telephone
	SERVICE BUREAU CORP THE	Pacific Telephone
	Tabulating Serv	Pacific Telephone

FINDINGS

1932 WILSHIRE BLVD

Year	*Uses*	*Source*
2013	WALGREENS	Cole Information Services
	WALGREENS	Cole Information Services
2008	WALGREENS PHARMACY 5526	Cole Information Services
	WALGREENS	Cole Information Services
	WALGREENS PHARMACY 5526	Cole Information Services
	WALGREENS	Cole Information Services
2006	WALGREENSDRUG	Haines Co., Inc.
	STORES ST INFO	Haines Co., Inc.
	WALGREENS DRUG	Haines Co., Inc.
	STRS PRSCRPTNS	Haines Co., Inc.
2000	XXXX	Haines & Company
	X 20TH	Haines & Company
1991	Main	Pacific Bell
1990	GREAT WESTERN BANK SANTA MONICA MAIN SANTA MONICA	Pacific Bell
1986	GREAT WESTERN SAVINGS SANTA MONICA	Pacific Bell
1985	GREAT WESTERN SAVINGS FS & LA SANTA MONICA SAVINGS	Pacific Bell
1980	Santa Monica	Pacific Telephone
	New Accounts	Pacific Telephone
	Other Savings Information	Pacific Telephone
	From Los Angeles Telephones Cal	Pacific Telephone
1975	OCEAN MOTORS	Pacific Telephone
1971	Cutright Porsche Audi	Pacific Telephone
1965	WHITE FRONT TIRE DEPT	Pacific Telephone
1962	CUTRIGH-T RALPH CO AUTOS	Pacific Telephone
	CUTRIGHT RALPH CO autos	Pacific Telephone
1958	SERVICE DEPARTMENT	Pacific Telephone
	SUPERFINE MOTORS	Pacific Telephone
	SUPERFINE MOTORS	Pacific Telephone
1954	Vacant	R. L. Polk & Co.
	RANSOM MOTORS DE SOTO-PLYMOUTH	R. L. Polk & Co.
	RANSOM MOTORS DE SOTO-PLYMOUTH	R. L. Polk & Co.
1948	Bloom Chas W Inc autos	Los Angeles Directory Co.

FINDINGS

1933 WILSHIRE BLVD

Year	Uses	Source
1958	DAN S AUTO REPAIR	Pacific Telephone
	MATZ SERV	Pacific Telephone
	MUNDHENKE DAN AUTO REPAIR	Pacific Telephone
1954	MATZ SERV	R. L. Polk & Co.
	Carrs Car Clinic auto repr EX	R. L. Polk & Co.
	Matz Fred Serv St ex	R. L. Polk & Co.
	CARR S CAR CLINIC GARAGE	R. L. Polk & Co.
1948	Matz Bros gas sta	Los Angeles Directory Co.

1934 WILSHIRE BLVD

Year	Uses	Source
1940	FUJUSAWA Y	Los Angeles Directory Co.

1936 WILSHIRE BLVD

Year	Uses	Source
1990	PRINTING PLACE THE	Pacific Bell
	STATIONERY PLACE THE	Pacific Bell
	THE STATIONERY PLACE	Pacific Bell
1986	STATIONERY PLACE THE	Pacific Bell
	PRINTING PLACE THE	Pacific Bell
1981	THE PRINTING PLACE	Pacific Telephone
	THE STATIONERY PLACE	Pacific Telephone
	STATIONERY PLACE THE	Pacific Telephone
1940	MAKAHARA ROSE	Los Angeles Directory Co.

1940 WILSHIRE BLVD

Year	Uses	Source
1940	ISHAMARU HARRY	Los Angeles Directory Co.

1941 WILSHIRE BLVD

Year	Uses	Source
1940	ARNALLEZ ERNEST	Los Angeles Directory Co.

1942 WILSHIRE BLVD

Year	Uses	Source
1940	KONDI DICK	Los Angeles Directory Co.

FINDINGS

1945 WILSHIRE BLVD

Year	Uses	Source
1940	TROUT K C MRS	Los Angeles Directory Co.

1945 1/2 WILSHIRE BLVD

Year	Uses	Source
1940	WOODS EDW	Los Angeles Directory Co.

1945 1/4 WILSHIRE BLVD

Year	Uses	Source
1940	CHULCOTT IDA MRS	Los Angeles Directory Co.

1945 3/4 WILSHIRE BLVD

Year	Uses	Source
1940	POULAIN VINCENT	Los Angeles Directory Co.

1947 WILSHIRE BLVD

Year	Uses	Source
1940	AHASHLMOTO MASA-HIKO NURSE RYRUN	Los Angeles Directory Co.
	RASHIMOTO SHICHIRO	Los Angeles Directory Co.

1956 WILSHIRE BLVD

Year	Uses	Source
1940	HORLUCHI YOSHIO	Los Angeles Directory Co.

1993 WILSHIRE BLVD

Year	Uses	Source
2000	DALBY BEVERLY J DC	Haines & Company
	JACKSON GLEN & ASSOCIATES INC	Haines & Company
	GUAN YIN ACUPUNCTURE	Haines & Company

2001 WILSHIRE BLVD

Year	Uses	Source
2013	BLACK & MACHTINGER LLP	Cole Information Services
	BARRINGTON WILSHIRE INC	Cole Information Services
	MANDEL NORWOOD & GRANT	Cole Information Services
	MARTIN NEWSON & ASSOCIATE	Cole Information Services
	MARTINEAU & KNUDSON	Cole Information Services
	MCDAY CORPORATION	Cole Information Services
	MOGHADDAM ALEXANDER LAW OFFICES OF	Cole Information Services

FINDINGS

Year	Uses	Source
2013	TEGNERMILLER INSURANCE BROKERS	Cole Information Services
	COLBY & PARTNERS	Cole Information Services
	BRAIN COM THE	Cole Information Services
	SAMOVAR PHILLIP G	Cole Information Services
	STANDARD PARKING	Cole Information Services
	EPPS	Cole Information Services
	HOTEL DEVELOPMENT GROUP	Cole Information Services
	NATRIFICIAL	Cole Information Services
	SALEM E EDMOND LAW OFFICE OF	Cole Information Services
	SUSSMAN JEROME ATTY	Cole Information Services
	WARNER ARTIST MANAGEMENT	Cole Information Services
	ARTZNER COURTNEY L ATTORNEY	Cole Information Services
	DANIEL WOLFBURG	Cole Information Services
	COOPER & HEMAR LAW OFFICES OF	Cole Information Services
	BRAUN LAW FIRM THE	Cole Information Services
	KNAUF ASSOCIATES	Cole Information Services
	KRAMER & KRAMER ATTORNEYS AT LAW	Cole Information Services
	KRAMER WENDY W ATTORNEY	Cole Information Services
	JSM COMMUNICATIONS	Cole Information Services
	NEMSCHOFF LOUISE M ATTORNEY AT LAW	Cole Information Services
	MOREHEAD WILLIAM A ATTORNEY	Cole Information Services
	OLECKI MICHAEL J ATTORNEY ATTY	Cole Information Services
	HARRINGTON MUSIC LAW GROUP P C	Cole Information Services
	GOTTESMAN MARK ATTORNEY AT LAW	Cole Information Services
	GRODSKY & OLECKI LLP	Cole Information Services
	FLOYD HARRY E JR	Cole Information Services
	SANTA MONICA HAND THERAPY	Cole Information Services
	BENNETT KERNS ATTORNEY AT LAW	Cole Information Services
	PINES STEVEN R CPA	Cole Information Services
	PLOWDEN LACTATION CONSULTING	Cole Information Services
	WILSHIRE CAPITAL PARTNERS LLC	Cole Information Services
	A LOCKSMITH	Cole Information Services
	BENTLER ROBIN S ATTY	Cole Information Services
	SPECTOR STREETER & COMP	Cole Information Services
	KATZ GOLDEN ROSENMAN LLP	Cole Information Services
	KIBEL GREEN INC	Cole Information Services

FINDINGS

Year	Uses	Source
2013	MELLER & FLOYD ATTORNEYS AT LAW	Cole Information Services
	MELLER ERIC ATTY	Cole Information Services
	ROTHENBERG ZACHARY ATTORNEY	Cole Information Services
	POMERANTZ SCOTT LAW OFFICE OF	Cole Information Services
	A & B ESTATE PLANNING ATTORNEYS LLP	Cole Information Services
	CHARLES GRIFFIN CALE	Cole Information Services
	BAKER ROBERT M L III ATTORNEY AT LAW	Cole Information Services
	GRODSKY ALLEN B ATTORNEY ATTY	Cole Information Services
2008	COOTE HAYES PRODUCTIONS	Cole Information Services
	BRANDON & MORNER RITT	Cole Information Services
	ARC VICTORY REAL ESTATE LLC	Cole Information Services
	SPROCKETS FX INC	Cole Information Services
	WALKABOUT RANCH LLC	Cole Information Services
	ENTRADA ASSOCIATES	Cole Information Services
	LAW OFFI CE OF STEVEN SAPERA	Cole Information Services
	EXECUTIVE ADVISORY LLC THE	Cole Information Services
	KENISTON AVENUE LLC	Cole Information Services
	KIBEL GREEN INC	Cole Information Services
	KATZ GOLDEN SULLIVAN & ROSENMAN	Cole Information Services
	GROSSMAN & CRAMER	Cole Information Services
	HARRINGTON MUSIC LAW GROUP PC	Cole Information Services
	AMERICAS BRIGHTEST LLC	Cole Information Services
	ALLISON & PARTNERS	Cole Information Services
	MARKMAN BRECKER ASSOCIATES	Cole Information Services
	LAMBERT INVESTMENTS INC	Cole Information Services
	BARRINGTON WILSHIRE INC	Cole Information Services
	BAKER ROBERT M L III ATTORNEY AT LAW	Cole Information Services
	B ALEXANDER MOGHADDAM PC	Cole Information Services
	DCA ADVERTISING INC	Cole Information Services
	ATTORNEY THEODORE WOLFBERG	Cole Information Services
	MCEWAN MANAGEMENT GROUP LLC THE	Cole Information Services
	MARTINEAU & KNUDSON	Cole Information Services
	SWEETZER TOWERS	Cole Information Services
	WILSHIRE DMK I LLC	Cole Information Services
	COLBY & PARTNERS	Cole Information Services

FINDINGS

Year	Uses	Source
2008	CASTANON LAW GROUP	Cole Information Services
	LAMBERT CARL J ATTORNEY	Cole Information Services
	LAW OFFICES OF LARRY E VERBIT	Cole Information Services
	BARRY FILMS INC	Cole Information Services
	BAYES CORP	Cole Information Services
	MAPLEWOOD PARTNERS LLC	Cole Information Services
	1014 14TH STREET LLC	Cole Information Services
	MICHAEL KOENIG LAW OFFICES	Cole Information Services
	NEXTENGINE INC	Cole Information Services
	COAST INSURANCE AGENCY	Cole Information Services
	LAW OFFICES OF MARK A GOTTESMAN	Cole Information Services
	BAKER REALTY ONLINE	Cole Information Services
	THINK CREATIVE	Cole Information Services
	HOTEL DEVELOPMENT GROUP	Cole Information Services
	SALEM E EDMOND LAW OFFICE OF	Cole Information Services
	SD MEDICAL	Cole Information Services
	WARNER ARTIST MANAGEMENT	Cole Information Services
	NEMSCHOFF LOUISE M ATTORNEY AT LAW	Cole Information Services
	COOPER & HEMAR LAW OFFICES OF	Cole Information Services
	HOMER TRAVEL INC	Cole Information Services
	BLALOCK FOUNDATION	Cole Information Services
	GLENN B MARTINEAU TRUST	Cole Information Services
	ARNOLD J STONE ATTORNEY AT LAW	Cole Information Services
	SERENA SUNDRIES	Cole Information Services
	MELLER & FLOYD ATTORNEY AT LAW	Cole Information Services
	SUSSMAN JEROME J ATTORNEY AT LAW	Cole Information Services
	MCDAY CORP	Cole Information Services
	MANDEL NORWOOD & GRAND	Cole Information Services
	CHARLES D SILVERBERG PC	Cole Information Services
	KAUFMAN ENTERTAINMENT	Cole Information Services
	CROWE CAPITAL MANAGEMENT	Cole Information Services
	INDUSTRY MEDICAL SPECIALISTS INC	Cole Information Services
	KRAMER & KRAMER	Cole Information Services
	GRODSKY & OLECKI LLP	Cole Information Services
	FLOYD HARRY E JR	Cole Information Services
	JUJUBEARS PROPERTIES	Cole Information Services
	MARTIN NEWSON & ASSOCIATES	Cole Information Services

FINDINGS

Year	Uses	Source
2008	LAW OFFICES OF ROBERT ML BAKER III	Cole Information Services
	LATITUDE ENTERTAINMENT LLC	Cole Information Services
	LILLIES GROUP INC	Cole Information Services
	BENTLER & ASSOCIATES INC	Cole Information Services
	GROSS MARTIN D	Cole Information Services
	BENNETT KERNS	Cole Information Services
	ALMA TERRA LLC	Cole Information Services
	DANCING HEART CENTER	Cole Information Services
	DENTSU AMERICA INC	Cole Information Services
	VIDEO TECH INC	Cole Information Services
	WILSHIRE CAPITAL PARTNERS LLC	Cole Information Services
	O24U INC	Cole Information Services
	RAPPAPORT JERRY LAW OFFICE OF	Cole Information Services
2006	AUERBACH PLAZA	Haines Co., Inc.
	A T& B ESTATE PLNG	Haines Co., Inc.
	ATTRNYS LLP	Haines Co., Inc.
	ANYTIME PTY LTD	Haines Co., Inc.
	BAKER ROOT M 3D	Haines Co., Inc.
	ATTORNEY AT LW	Haines Co., Inc.
	BARRINGTON	Haines Co., Inc.
	WLSHIRE INC	Haines Co., Inc.
	BEAUDRY	Haines Co., Inc.
	BENTLERS	Haines Co., Inc.
	ASSOCIATES LLP	Haines Co., Inc.
	BENTLER	Haines Co., Inc.
	ATTORNEY	Haines Co., Inc.
	TEGNER MILLER	Haines Co., Inc.
	INSURANCE BRKRS	Haines Co., Inc.
	UNION BKOFCA	Haines Co., Inc.
	ASSOCIATES INC	Haines Co., Inc.
	BENTLER ROBINS	Haines Co., Inc.
	BODNER KAREN	Haines Co., Inc.
	BRANDON	Haines Co., Inc.
	MORNER RITT	Haines Co., Inc.
	COLBY	Haines Co., Inc.
	PARTNERS	Haines Co., Inc.
	COLBYAND	Haines Co., Inc.
	PARTNERS	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	COOPER& HEMAR	Haines Co., Inc.
	LAW 0 ATTYS	Haines Co., Inc.
	COOTE HAYES	Haines Co., Inc.
	PRODUCTIONS LLC	Haines Co., Inc.
	CRAMERJENNITH	Haines Co., Inc.
	FAUCETTRUSSELL	Haines Co., Inc.
	FLOYD HARRY E JR	Haines Co., Inc.
	GIN MARY	Haines Co., Inc.
	GOLDEN DIANEA	Haines Co., Inc.
	GOTTESMAN MARK	Haines Co., Inc.
	GRANTPAULR	Haines Co., Inc.
	GRODSKY & OLECKI	Haines Co., Inc.
	GRODSKYALLEN B	Haines Co., Inc.
	GROSS MARTIN D	Haines Co., Inc.
	GROSSMAN	Haines Co., Inc.
	CRAMER	Haines Co., Inc.
	GROSSMAN ALBERT	Haines Co., Inc.
	HARRINGTON	Haines Co., Inc.
	MUSIC LAW GROUP	Haines Co., Inc.
	HELVEY Steven	Haines Co., Inc.
	HEMAR PETERS	Haines Co., Inc.
	JAFFEHOLDEN	Haines Co., Inc.
	ACOUSTICS INC	Haines Co., Inc.
	MANDEL S JEROME	Haines Co., Inc.
	MARKMAN	Haines Co., Inc.
	BRECKERASSOC	Haines Co., Inc.
	MARTIN News ON	Haines Co., Inc.
	ASSOCIATE	Haines Co., Inc.
	MARTINEAU	Haines Co., Inc.
	KNUDSON	Haines Co., Inc.
	MARTINEAU	Haines Co., Inc.
	PROPERTIES	Haines Co., Inc.
	MC DAY	Haines Co., Inc.
	CORPORATION	Haines Co., Inc.
	MCVERRY PATRICIA	Haines Co., Inc.
	MELLER & FLOYD	Haines Co., Inc.
	ATTRNYS ATLAW	Haines Co., Inc.
	MELLER ERIC ATTY	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	MERIDIAN FNCL	Haines Co., Inc.
	MRTG INC	Haines Co., Inc.
	MIGDAL PAUL	Haines Co., Inc.
	NEMSCHOFF	Haines Co., Inc.
	LOUISE LAW OFFICE	Haines Co., Inc.
	NORWOODNAOMI	Haines Co., Inc.
	OLEGKI MICHAEL J	Haines Co., Inc.
	PINES STEVEN R	Haines Co., Inc.
	ROSENMAN SHEP	Haines Co., Inc.
	ROTHENBERG	Haines Co., Inc.
	ZACHARY	Haines Co., Inc.
	RUBAUM MICHAEL	Haines Co., Inc.
	SALEM E EDMOND	Haines Co., Inc.
	LAW OFFICE OF	Haines Co., Inc.
	SAMOVAR PHILLIP	Haines Co., Inc.
	SAPERA STEVEN C	Haines Co., Inc.
	LAW OFFICES OF	Haines Co., Inc.
	SAPERA STEVEN C	Haines Co., Inc.
	LAW OFFICES OF	Haines Co., Inc.
	SCHNEIDER	Haines Co., Inc.
	JEFFREY D	Haines Co., Inc.
	SCOPP KEN FFR	Haines Co., Inc.
	SD MEDIA	Haines Co., Inc.
	SILVERVERBERG	Haines Co., Inc.
	CHARLES D	Haines Co., Inc.
	STANDRD PARKING	Haines Co., Inc.
	STONE ARNOLD J	Haines Co., Inc.
	ATTORNEY	Haines Co., Inc.
	SULLIVAN MARY	Haines Co., Inc.
	SWEENEYJAMES K	Haines Co., Inc.
	COMMUNICATIONS	Haines Co., Inc.
	JUSTMAN JENNIFER	Haines Co., Inc.
	KATZ GOLDEN&	Haines Co., Inc.
	SULLIVAN LLP	Haines Co., Inc.
	KATZ STEVE	Haines Co., Inc.
	KEN SCOPP&	Haines Co., Inc.
	ASSOCIATES	Haines Co., Inc.
	KERNSBENNETT	Haines Co., Inc.

FINDINGS

Year	Uses	Source
2006	KIBEL GREEN INC	Haines Co., Inc.
	KRAMER& KRMR	Haines Co., Inc.
	ATTRNYS A ATTYS	Haines Co., Inc.
	KRAMER MARK D	Haines Co., Inc.
	KRAMERWENDYW	Haines Co., Inc.
	LAMBERTCARLJ	Haines Co., Inc.
	AT 7 Y	Haines Co., Inc.
	LAMBERT	Haines Co., Inc.
	INVESTMENTS INC	Haines Co., Inc.
	MANDEL	Haines Co., Inc.
	NORWOOD	Haines Co., Inc.
2000	AUERBACH PLAZA A ADVANCED HEALTH INSURANCE SRV	Haines & Company
	ADVISORY GROUP THE	Haines & Company
	BAKER ROBT M 3D ATTORNEY AT LW	Haines & Company
	BAKER & PETERSEN LLP	Haines & Company
	BARRINGTON WILSHIRE INC	Haines & Company
	BEAUDRY BENTLER & ASSOCIATES LLP	Haines & Company
	BEAUDRY ROBT V ATTY	Haines & Company
	BENTLER ROBINS ATTY	Haines & Company
	BODIL COLLECTION	Haines & Company
	COLBY EFFLER & PARTNERS	Haines & Company
	COLLINS & COLLINS INSURANCE SERV	Haines & Company
	COOPER KENNETH D ATTY	Haines & Company
	COOPER & HEMAR LAW OFCS OF ATTYS	Haines & Company
	COWAN MICHAEL ATTY	Haines & Company
	CRAMER JENNITH ATTY	Haines & Company
	FAUCETT RUSSELL	Haines & Company
	GARB SHEILA	Haines & Company
	GARB & ASSOCIATES LEGAL PLCMNT	Haines & Company
	GRANT PAUL ATTY	Haines & Company
	GROSSMAN ALBERT ATTY	Haines & Company
	GROSSMAN Cramer	Haines & Company
	GROSSMAN Grant	Haines & Company
	HEMAR PETER S ATTY	Haines & Company
	WILSHIRE BLVD 90403 CONT HIGGINS PURCHASING GROUP	Haines & Company

FINDINGS

Year	Uses	Source
2000	HIGGINS STEVE GROUP THE	Haines & Company
	HOMER TRAVEL INC	Haines & Company
	INSIGHT WORLDWIDE	Haines & Company
	JOHNSON DANA CPA	Haines & Company
	JSM COMMUNICATIONS	Haines & Company
	KEN SCOPP & ASSOCIATES	Haines & Company
	KIBEL GREEN INC	Haines & Company
1995	Dunn Joanne & Associates	Pacific Bell
	I DUNN JOANNE & ASSOCIATES	Pacific Bell
1991	MARTINEAU & KNUDSON	Pacific Bell
	SEABOLDW RONALD ATTY	Pacific Bell
	Adizes Institute Inc TThe	Pacific Bell
	Adamian Arthur SANTA MONICA 3944648	Pacific Bell
	Adarian Max J LOS ANGELES 3051026	Pacific Bell
	Ardmore & Brown	Pacific Bell
	Auerbach Ernest	Pacific Bell
	Auerbach Financing	Pacific Bell
	Auerbach Fred & Ruth BEL AIR 4753858	Pacific Bell
	AUERBACH LEASING & MANAGEMENT CO	Pacific Bell
	Auerbach Leasing & Management Co	Pacific Bell
	Auerbach Ifrah Lorna	Pacific Bell
	Auerback Barbara WESTLOS ANGELES	Pacific Bell
	Beecher Keith D Law Office	Pacific Bell
	Blake Mcgonigle	Pacific Bell
	Buchalter Undaatty	Pacific Bell
	Cerny Ross	Pacific Bell
	Ceron Candice& Moises PLAYA DEL REY	Pacific Bell
	Cohe M Richard Associates Accountancy Corp	Pacific Bell
	Columbia National Bank	Pacific Bell
	Cooper & Hernar Law Offices Of attys	Pacific Bell
	Cooper Hersel WESTLOS ANGELES 4778983	Pacific Bell
	Cooper Hugh	Pacific Bell
	Cooper I 2751828	Pacific Bell
	Cooper Kenneth D atty	Pacific Bell
	Cowan Michael atty	Pacific Bell
	Cowan N	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Cramer Kenneth atty	Pacific Bell
	From Los Angeles Tielphones Call 70	Pacific Bell
	Dalva Morris	Pacific Bell
	Skolnik V PACIFIC PALISADE	Pacific Bell
	Skomaroske L	Pacific Bell
	Skomaroske Laurie 4532808	Pacific Bell
	Sports Awards Productions	Pacific Bell
	Strategic Health Care Planning Associates	Pacific Bell
	Synerdyne	Pacific Bell
	Tahan Denise A	Pacific Bell
	Total Leasing &Finance Inc	Pacific Bell
	Townsgate Escrow	Pacific Bell
	Townshend Zellner J	Pacific Bell
	Van Antwerp L Walker III	Pacific Bell
	Vanarsdale West Denise VENICE	Pacific Bell
	Victor Awards	Pacific Bell
	Victor B SANTA MONICA 4511204	Pacific Bell
	Western Financial Network Of America	Pacific Bell
	No Charge To Caing Party	Pacific Bell
	White Eleanor Rehm atty	Pacific Bell
	White Elizabeth D BEL AIR 4728098	Pacific Bell
	Zelg Steve	Pacific Bell
	Zelig Steven A Professional Corp	Pacific Bell
	Dalva R K VENICE	Pacific Bell
	Decatur Petroleum Corp	Pacific Bell
	Dyer Holtis O atty	Pacific Bell
	Elselman Robt	Pacific Bell
	Financial Services Group Inc	Pacific Bell
	FLETCHER ROBERT A PC	Pacific Bell
	Frantz James P & Associates	Pacific Bell
	Goldstein Gary	Pacific Bell
	Goldwater Lloyd attys	Pacific Bell
	Grant Paul atty	Pacific Bell
	From Los Angeles Telephones Ca B	Pacific Bell
	Grossman Grant & Cramer	Pacific Bell
	From Los Angeles Telephones Ca 8707210	Pacific Bell
	Harwick Maurice atty	Pacific Bell
	Health Insurance Specialists	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Hemar Peter Satty	Pacific Bell
	Hemar Shelle 2041872	Pacific Bell
	Kardashan Tom	Pacific Bell
	Kibel Greenlnc	Pacific Bell
	ADIZES INSTITUTE INCTTHE	Pacific Bell
	ARDMORE & BROWN	Pacific Bell
	AUERBACH ERNEST	Pacific Bell
	AUERBACHFINANCING	Pacific Bell
	AUERBACH LEASING & MANAGEMENT CO	Pacific Bell
	AUERBACH LEASING & MANAGEMENT CO	Pacific Bell
	AUERBACH-LFRAH LORNA	Pacific Bell
	BEECHER KEITH D LAW OFFICE	Pacific Bell
	BLAKE-MCGONIGLE	Pacific Bell
	BUCHALTER UNDAATTY	Pacific Bell
	CERNY ROSS	Pacific Bell
	COHE M RICHARD ASSOCIATES ACCOUNTANCY CORP	Pacific Bell
	COLUMBIA NATIONAL BANK	Pacific Bell
	COOPER & HERNAR LAW OFFICES OF ATTYS	Pacific Bell
	COOPER KENNETH D ATTY	Pacific Bell
	COWAN MICHAEL ATTY	Pacific Bell
	DALVA MORRIS	Pacific Bell
	DECATUR PETROLEUM CORP	Pacific Bell
	DYER HOLTISO ATTY	Pacific Bell
	ELSELMAN ROBT	Pacific Bell
	FINANCIAL SERVICES GROUP INC	Pacific Bell
	FRANTZ JAMES P & ASSOCIATES	Pacific Bell
	GOLDSTEIN GARY	Pacific Bell
	GOLDWATER LLOYD ATTYS	Pacific Bell
	GRANT PAUL ATTY	Pacific Bell
	GROSSMAN GRANT & CRAMER	Pacific Bell
	HARWICK MAURICE ATTY	Pacific Bell
	HEALTH INSURANCE SPECIALISTS	Pacific Bell
	HEMAR PETER SATTY	Pacific Bell
	KARDASHAN TOM	Pacific Bell
	KIBELGREENLNC	Pacific Bell
	LAMBERT CARLJATTY	Pacific Bell

FINDINGS

Year	Uses	Source
1991	LAMNERT INVESTMENTS INC	Pacific Bell
	LAPPEN JONATHAN BAILEY	Pacific Bell
	LAPPEN & LAPPEN	Pacific Bell
	LAWTON ERIC ATTY	Pacific Bell
	MOOR INSTITUTE	Pacific Bell
	MARTINEAU JOHN R ATTY	Pacific Bell
	MARTINEAU PROPERTIES	Pacific Bell
	MC DAY CORPORATION	Pacific Bell
	MEDOVE JACK ATTY	Pacific Bell
	PO Box 3187 BEVERLY HILLS	Pacific Bell
	Rosenweig Lawrence	Pacific Bell
	Ross And Ross attys	Pacific Bell
	Ross Ross & Dyer attys	Pacific Bell
	Ross S 5511175	Pacific Bell
	Ross S 8361544	Pacific Bell
	Rualys Surdries	Pacific Bell
	Rubin Robt F atty	Pacific Bell
	Schwartz Sherwin CPA	Pacific Bell
	Scopp Ken & Associates	Pacific Bell
	SEABOLDW RONALD atty	Pacific Bell
	Seabreeze Farm MALIBU 4571224	Pacific Bell
	Sepe Louis attys	Pacific Bell
	Signature Collection	Pacific Bell
	Singer Financial Corp	Pacific Bell
	Singer Gayle 2785331	Pacific Bell
	Singer Goldryn SANTA MONICA 8288855	Pacific Bell
	Singer Gordon SANTA MONICA	Pacific Bell
	Skolnik Steven N atty	Pacific Bell
	SCHWARTZ SHERWIN CPA	Pacific Bell
	SEPE LOUIS ATTYS	Pacific Bell
	SIGNATURECOLLECTION	Pacific Bell
	SINGER FINANCIAL CORP	Pacific Bell
	SKOLNIK STEVEN N ATTY	Pacific Bell
	SPORTS AWARDS PRODUCTIONS	Pacific Bell
	STRATEGIC HEALTH CARE PLANNING ASSOCIATES	Pacific Bell
	SYNERDYNE	Pacific Bell
	TAHANDENISEA	Pacific Bell
	TOTAL LEASING &FINANCEINC	Pacific Bell

FINDINGS

Year	Uses	Source
1991	TOWNSGATE ESCROW	Pacific Bell
	UNION BANK	Pacific Bell
	VAN ANTWERP L WALKER III	Pacific Bell
	VICTOR AWARDS	Pacific Bell
	WHITE ELEANOR REHM ATTY	Pacific Bell
	ZELG STEVE	Pacific Bell
	CRAMER KENNETH ATTY SANTA MONICA	Pacific Bell
	FLETCHER ROBERT A PC SANTA MONICA	Pacific Bell
	P S SECRETARIAL SERVICES SANTA MONICA	Pacific Bell
	WESTERN FINANCIAL NETWORK OF AMERICA	Pacific Bell
	ROSENWEIG LAWRENCE	Pacific Bell
	MENDEL JANICE C ATTY	Pacific Bell
	MICHEL ALLEN L	Pacific Bell
	MICHELCEMY & MIRMANATTYS	Pacific Bell
	MIMAN ALAN M ATTY	Pacific Bell
	MORTGAGE SPECIALTY CORP	Pacific Bell
	MRS AMERICA PAGEANT	Pacific Bell
	MWSBRUCE MATTY	Pacific Bell
	NANSAYINC	Pacific Bell
	OSTRINRONALDEATTY	Pacific Bell
	PHYSICIANS SERVICES OF CALIFORNIA	Pacific Bell
	PRIMACKTERIM	Pacific Bell
	RAUCH BRUCE I A PROFESSIONAL CORPORATION	Pacific Bell
	REEDY KEVIN J ATTY	Pacific Bell
	ROBERTS EDWARD J ATTY	Pacific Bell
	ROGERS KATHLEEN J	Pacific Bell
	ROSS AND ROSS ATTYS	Pacific Bell
	ROSS ROSS & DYER ATTYS	Pacific Bell
	RUALYS SURDRIES	Pacific Bell
	RUBIN ROBT F ATTY	Pacific Bell
	Lambert Carl JAtty	Pacific Bell
	Lambert Cherie TOPANGA	Pacific Bell
	Lambert Chuck	Pacific Bell
	Lambert D SANTA MONICA 3914950	Pacific Bell
	Lambert D VENICE	Pacific Bell

FINDINGS

Year	Uses	Source
1991	LAMNERT INVESTMENTS INC	Pacific Bell
	Lambert J 3913752	Pacific Bell
	Lambert J 4591959	Pacific Bell
	Lambert J	Pacific Bell
	Lappen Jonathan Bailey	Pacific Bell
	Lappen & Lappen	Pacific Bell
	Lappen Nancy MSW SANTA MONICA 4586796	Pacific Bell
	Lawton Eric atty	Pacific Bell
	MOOR Institute	Pacific Bell
	Martineau John R atty	Pacific Bell
	Martineau & Knudson	Pacific Bell
	Martineau M 8383096	Pacific Bell
	Martineau Properties	Pacific Bell
	Martineau Tony MARINA DEL REY	Pacific Bell
	Mc Day Corporation	Pacific Bell
	Mc Dean J	Pacific Bell
	MEDOVE JACK atty	Pacific Bell
	Medovoy Ella WESTLOS ANGELES 471121	Pacific Bell
	Mendel Janice C atty	Pacific Bell
	Michel Allen L	Pacific Bell
	Michel Cemy & Mirmanattys	Pacific Bell
	Miman Alan M atty	Pacific Bell
	Mirman Julian SANTA MONICA 8292697	Pacific Bell
	Mirman Matli	Pacific Bell
	Mirm n P	Pacific Bell
	MORTGAGE SPECIALTY CORP	Pacific Bell
	Mrs America Pageant	Pacific Bell
	Mws Bruce Matty	Pacific Bell
	Nansay Inc	Pacific Bell
	Ostrin Ronald Eatty	Pacific Bell
	P S Secretarial Services	Pacific Bell
	Physicians Services Of California	Pacific Bell
	Physicians Smoke Stop Medical Clinic	Pacific Bell
	Primack Teri M	Pacific Bell
	RAUCH BRUCE I A PROFESSIONAL CORPORATION	Pacific Bell
	Reedy Kevin J atty	Pacific Bell
	Roberts Edward J atty	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Rogers Kathleen J	Pacific Bell
	Rogers Keith Ms WESTLOS ANGELES 4766366	Pacific Bell
	Rogers Ken Photographer 5535532	Pacific Bell
1986	MRS AMERICA PAGEANT SANTA MONICA	Pacific Bell
1985	AARON ROTHENBERG ASSOCIATES INC	Pacific Bell
	GEFFNER JAS SANTA MONICA	Pacific Bell
	RUSSELL HOWARD M ATTYS	Pacific Bell
	SOS WORD PROCESSING EXECUTIVE OFFICES	Pacific Bell
	SCHOFF JOELA	Pacific Bell
	SHOCHET J PUBLIC RELATIONS	Pacific Bell
	SKOLNIK STEVEN N ATTY	Pacific Bell
	SOLOMON JERRY CPA	Pacific Bell
	SPA FAUCET INC	Pacific Bell
	SPECTOR JOSEPH A	Pacific Bell
	SPILMAN LAW OFFICE OF JEFFREY D	Pacific Bell
	SPORTS AWARDS PRODUCTIONS	Pacific Bell
	SPORTS RADIO NETWORK	Pacific Bell
	STACK ROSEMARIE LTD	Pacific Bell
	STAMLERGARY	Pacific Bell
	STERLING ERIC J AN ACCOUNTING CORP	Pacific Bell
	STIEGER MICHAEL CPA	Pacific Bell
	STORM PRINTING CO	Pacific Bell
	SYNERDYNE	Pacific Bell
	TAYLOR GEOFFREY L ATTY	Pacific Bell
	TAYLOR RONALD F	Pacific Bell
	TRANSAT TRADE CO	Pacific Bell
	ROSS ROSS & DYER ATTYS	Pacific Bell
	VICTOR AWARDS	Pacific Bell
	WATTERS THOMAS L INC	Pacific Bell
	WILSHIRE STAMP CO INC	Pacific Bell
	ZASLOW DAVID CPA	Pacific Bell
	RPECATUR PETROLEUM CORP	Pacific Bell
	DIAMOND SECRETARIAL SERVICES	Pacific Bell
	DIRECT CAPITAL CORP	Pacific Bell
	ENFELD INTERNATL INC 43WS1	Pacific Bell

FINDINGS

Year	Uses	Source
1985	FINANCIAL MARKETING	Pacific Bell
	FRANTZ JAS P & ASSOCIATES A PROFESSIONAL CORPORATION ATTYS	Pacific Bell
	FUCHS JOHN R ATTY	Pacific Bell
	GASTON ROBT A ATTY	Pacific Bell
	GERSON ERROL M	Pacific Bell
	GOLDEN COMMUNICATIONS	Pacific Bell
	GOLDSMITH ALAN	Pacific Bell
	GOLDWATER LLOYD ATTYS	Pacific Bell
	GRAKAL BRUCE V	Pacific Bell
	GRAKAL & STAMLER	Pacific Bell
	GRANT PAUL ATTY	Pacific Bell
	GROSSMAN ALBERT ATTY	Pacific Bell
	GROSSMAN GRANT & CRAMER	Pacific Bell
	GUGLIELMI ARTHUR T	Pacific Bell
	HAMILTON WM J ATTY	Pacific Bell
	ADIZES INSTITUTE INC THE	Pacific Bell
	ALPHA OMEGA GROUP THE	Pacific Bell
	AUERBACH CONSTRUCTION INC	Pacific Bell
	AUERBACH ERNEST	Pacific Bell
	AUERBACH FINANCING	Pacific Bell
	AUERBACH LEASING & MANAGEMENT CO	Pacific Bell
	AUERBACH LEASING & MANAGEMENT CO	Pacific Bell
	AZRAN & SPILMAN LEGAL RESEARCH ASSOCIATES	Pacific Bell
	BARAKA BOOKS	Pacific Bell
	BEECHER KEITH D	Pacific Bell
	BOOKSTEIN HARVEY A CPA	Pacific Bell
	BUSINESS EXPANSIONS INTERNATL	Pacific Bell
	CRENSHAW OFFICE	Pacific Bell
	COLUMBIA NATIONAL BANK	Pacific Bell
	CONSCIOUS CAPITAL PARTNERS	Pacific Bell
	CRAMER KENNETH ATTY	Pacific Bell
	CUADRA ASSOCIATES	Pacific Bell
	DALVAMORRIS	Pacific Bell
	HARGRAVE GREG CPA	Pacific Bell
	HARGRAVE & HARGRAVE CPA	Pacific Bell

FINDINGS

Year	Uses	Source
1985	HARWICK MAURICE ATTY	Pacific Bell
	JESSUP & BEECHER LAW OFFICE	Pacific Bell
	JESSUP WARREN T	Pacific Bell
	KAKU ASSOCIATES	Pacific Bell
	KAPLAN JOEL	Pacific Bell
	KLEIN RAYMOND M ATTY	Pacific Bell
	KRISTY NORTON PHD	Pacific Bell
	LAWEST	Pacific Bell
	LAW ARTS PUBLISHERS	Pacific Bell
	LAW VIDEO CONSULTANTS DIV OF GOLDEN COMMUNICATIONS	Pacific Bell
	LAWTON ERIC ATTY	Pacific Bell
	LEGAL RESEARCH ASSOCIATES	Pacific Bell
	LEIGH LEWIS & LOGAN	Pacific Bell
	UNDER MILTON ATTY	Pacific Bell
	LOVE RICHARD A ATTY	Pacific Bell
	MDOR INSTITUTE	Pacific Bell
	MARTINEAU JOHN R ATTY	Pacific Bell
	MARTINEAU & KNUDSON	Pacific Bell
	MC DAY CORPORATION	Pacific Bell
	MCHALE SUSAN CPA	Pacific Bell
	MEDOVE JACK ATTY	Pacific Bell
	MENDEL JANICE C ATTY	Pacific Bell
	MRS AMERICA PAGEANT	Pacific Bell
	MULRYAN & FUCHS ATTYS	Pacific Bell
	MYERS BNRCE M ATTY	Pacific Bell
	PETROLOGIC SECURITIES INC	Pacific Bell
	PHIWPS ROSEN & COMPANY A PARTNERSHIP INCLUDING ACCOUNTANCY CORPORATIONS	Pacific Bell
	PHILLIPS SEYMOUR S	Pacific Bell
	PHYSICIANS SERVICES OF CALIFORNIA	Pacific Bell
	PROFESSIONAL BUSINESS SUITES	Pacific Bell
	PULSE SCIENCES INC	Pacific Bell
	R M R ASSOCIATES	Pacific Bell
	RAGE INC-THE GIFT CO	Pacific Bell
	RECOVERY CARE INC	Pacific Bell
	RIVERA LEGAL SEARCH	Pacific Bell
	ROBERTS EDWARD J ATTY	Pacific Bell

Year	Uses	Source
1985	ROSEN DONALD J	Pacific Bell
	ROSENZWEIG LAWRENCE	Pacific Bell
	ROSS AND ROSS ATTYS	Pacific Bell
	ROTH BOOKSTEIN & ZASLOW	Pacific Bell
	ROTH TED R CPA	Pacific Bell
	ROTHENBERG AARON ASSOCIATES INC	Pacific Bell
	RUBIN ROBT F ATTY	Pacific Bell
1980	Tishman Construction	Pacific Telephone
1965	ELLER S BESS RESTAURANT	Pacific Telephone
	ELLER S BESS RESTAURANT	Pacific Telephone
1962	EILEI S BESS RESTAUIANT	Pacific Telephone
	EILEI S BESS RESTAUIANT	Pacific Telephone
1958	FILER S BESS RESTAURANT	Pacific Telephone
	FILER S BESS RESTAURANT	Pacific Telephone
1954	Bilers Bess Restr EX	R. L. Polk & Co.
1940	VACANT	Los Angeles Directory Co.

2002 WILSHIRE BLVD

Year	Uses	Source
2013	FUDDRUCKERS	Cole Information Services
2008	KOO KOO ROO INC	Cole Information Services
2006	FUDDRUCKERSINC 394	Haines Co., Inc.
	KOO KOO ROO	Haines Co., Inc.
2000	ARROSTO COFFEE COMPANY	Haines & Company
	KOO KOO RDO CA KCHN SNTA MNCA	Haines & Company
1991	Fish Kitchen	Pacific Bell
	Fish Larry WESTWOOD 2082789	Pacific Bell
	FISH KITCHEN	Pacific Bell
1985	FISH KITCHEN	Pacific Bell
1980	Fish Kitchen	Pacific Telephone
1975	JOE S ARCO SERVICE STN	Pacific Telephone
1965	SCHNEIDER FRANZ RICHFIELD SERV STN	Pacific Telephone
1962	ICHNEIDER FRANZ RICHFIELD SERV STN	Pacific Telephone
1958	SCHNEIDER FRANZ RICHFIELD SERV STN	Pacific Telephone
1954	LEEDS RICHFIELD SERV STANTON	R. L. Polk & Co.
	Leeds Jules Richfield Serv gas sta EX	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1948	Leeds Jules gas sta	Los Angeles Directory Co.

2004 WILSHIRE BLVD

Year	Uses	Source
1940	KOGA I GAS ST-A	Los Angeles Directory Co.
	HASEGAWA T AUTO	Los Angeles Directory Co.

2005 WILSHIRE BLVD

Year	Uses	Source
1990	MAYA RESTAURANT	Pacific Bell
	PROFESSIONAL REALTY GROUP	Pacific Bell
	TRANSGUAT	Pacific Bell
	VELASCO SERVICE INCOM TAX	Pacific Bell
1986	WILSHIRE MAILBOX RENTALS	Pacific Bell
	T T W CORP	Pacific Bell
	TAREK PHARMACY	Pacific Bell
	UNION CAMERA	Pacific Bell
	UNION CAMERA	Pacific Bell
1940	VONICKY MARY	Los Angeles Directory Co.

2006 WILSHIRE BLVD

Year	Uses	Source
2008	LYNTONS INC	Cole Information Services
2006	LYNTONS	Haines Co., Inc.
	UNIFORMS	Haines Co., Inc.
2000	LYNTONS UNIFORM	Haines & Company
1991	Barco Career Uniforms	Pacific Bell
	Career Uniforms	Pacific Bell
	CAREER UNIFORMS	Pacific Bell
	BARCO-CAREER UNIFORMS	Pacific Bell
	CAREERUNIFORMS	Pacific Bell
	Career Uniforms	Pacific Bell
1985	RADIO SHACK-A DIVISION OF TANDY CORP RETAIL STORES	Pacific Bell
1980	Santa Monica	Pacific Telephone

2007 WILSHIRE BLVD

Year	Uses	Source
1929	SHUMAN John W phys	Los Angeles Directory Co.

2008 WILSHIRE BLVD

Year	Uses	Source
2013	RADIOSHACK	Cole Information Services
2008	RADIOSHACK	Cole Information Services
2006	RADIOSHACKADIV	Haines Co., Inc.
2000	RADIOSHACK A DIV	Haines & Company
1991	Santa Monica	Pacific Bell
	Santa Monica	Pacific Bell
	RADIO SHACK-A DIVISION OF TANDY CORP	Pacific Bell
	TANDY	Pacific Bell
1985	BARCO-CAREER UNIFORMS STORES SANTA MONICA	Pacific Bell
	CAREER UNIFORMS GROUP SALES	Pacific Bell
	BARCO-CAREER UNIFORMS	Pacific Bell
	CAREER UNIFORMS	Pacific Bell
1980	MISSION CONTROL	Pacific Telephone
	Mission Data Services Inc	Pacific Telephone
	MC Computers	Pacific Telephone
1936	OLDDHM TNULIA MLR	Los Angeles Directory Co.

2010 WILSHIRE BLVD

Year	Uses	Source
2008	THE MORTGAGE CO	Cole Information Services
	PETS OF WILSHIRE	Cole Information Services
2006	MORTGAGECOTHE	Haines Co., Inc.
	REMAX WEST SIDE	Haines Co., Inc.
	PROPERTIES	Haines Co., Inc.
2000	CALIFORNIA RELOCATION	Haines & Company
	REMAX WEST SIDE PROPERTIES	Haines & Company
1991	Westside Savings &Loan	Pacific Bell
	WESTSIDE SAVINGS & LOAN ASSN	Pacific Bell
	WESTSLDE SAVINGS &LOAN	Pacific Bell
1990	KOZIOL EDW S MD	Pacific Bell
	LA CLINICA FEMENINA	Pacific Bell
	LA JOLLA PARK MEDICAL GROUP	Pacific Bell
	LA MERCED HEALTHCARE SERVICE	Pacific Bell
	LA MERCED MEDICAL CLINIC	Pacific Bell
	LAMONT PSYCHOLOGICAL CLINIC	Pacific Bell
	LAPIN STEWARD A MD	Pacific Bell

FINDINGS

Year	Uses	Source
1990	LARCHMONT RADIOLOGY MEDICAL GROUP INC	Pacific Bell
	LOS ANGELES MEDICAL CENTER GROUP	Pacific Bell
	MACARTHUR PARK MEDICAL CLINIC	Pacific Bell
	MALEK AMAL MD	Pacific Bell
	MILAGRO	Pacific Bell
	NATIONAL RESEARCH INSTITUTE	Pacific Bell
	NORTHROP PAUL MD	Pacific Bell
	PDCD RESIDENT ENGINEER	Pacific Bell
	PACHECO JOSE L MD	Pacific Bell
	PACIFICO MEDICAL CLINIC	Pacific Bell
	QUIROS EFRAIN V DNTL CLNIC	Pacific Bell
	R C MEDICAL LAB	Pacific Bell
	REDDY GAUTHAM	Pacific Bell
	RELIABLE RADIOLOGY MEDICAL GROUP	Pacific Bell
	RICHARD YAO DDS	Pacific Bell
	SCHNEIDER STANLEY DC	Pacific Bell
	SEYMOUR EUGENE MD MPH	Pacific Bell
	TECHNOSOUND DIAGNOSTIC CORP	Pacific Bell
	TECHNOSOUND DIAGNOSTIC CORP	Pacific Bell
	THOMPSON GEO N MD	Pacific Bell
	TOLEDO MEDICAL CLINIC	Pacific Bell
	PHARMACY	Pacific Bell
	UNICARE NURSING SERVICE	Pacific Bell
	URGENT CARE MEDICAL CLINIC	Pacific Bell
	URGENT CARE MEDICAL CLINIC	Pacific Bell
	WALKER EDMUND F MD	Pacific Bell
	WASEF RASHAD MD	Pacific Bell
	WEST COAST MEDICAL IMAGING	Pacific Bell
	WESTERN BEST ENTERPRISES INC	Pacific Bell
	WESTIN MEDICAL GROUP	Pacific Bell
	WILSHIRE CENTER GERIATRIC MEDICAL GROUP INC	Pacific Bell
	WILSHIRE COFFEE SHOP	Pacific Bell
	WILSHIRE DIAGNOSTIC & THERAPEUTIC CENTER	Pacific Bell
	WILSHIRE FAIRVIEW MEDICAL GROUP	Pacific Bell
	WILSHIRE WESTLAKE HEALTH SERVICE INC	Pacific Bell

FINDINGS

Year	Uses	Source
1990	YAO RICHARD DDS	Pacific Bell
	AIDS RESEARCH LABORATORY	Pacific Bell
	ALVARADO URGENT CARE	Pacific Bell
	AMNESTY MEDICAL INFORMATION HOTLINE	Pacific Bell
	BATONGMALAQUE JENNY MD	Pacific Bell
	BLEYBERG L STEPHEN MD	Pacific Bell
	BOUTROS SAWSAN DDS	Pacific Bell
	CENTER FOR AGING RESEARCH & TRAINING	Pacific Bell
	CENTER FOR AGING RESEARCH & TRAINING	Pacific Bell
	CENTER FOR AIDS RESEARCH AND TRAINING INC	Pacific Bell
	COMPREHENSIVE PSYCHIATRY CENTER	Pacific Bell
	FILIPINO COMMUNITY ACTION SERVICES INC	Pacific Bell
	GITLIN STEVEN M MD	Pacific Bell
	GOMEZ HERMINIA PERLAS MD	Pacific Bell
	HABASHI MAHER F MD	Pacific Bell
	HAFT STANLEY S MD INC	Pacific Bell
	HOLLISTER OSTOMY SUPPLIES	Pacific Bell
	HOLT HEALTH MANAGEMENT SYSTEMS	Pacific Bell
	JEFFERSON RICHARD MD	Pacific Bell
	JEFFERSON RICHARD MD	Pacific Bell
	JENNY MD BATONGMALAQUE JENNY MD	Pacific Bell
	KOO CHARLES M DDS MS	Pacific Bell
	KOO CHARLES M DDS MS	Pacific Bell
1986	KOO CHARLES M DDS MS	Pacific Bell
	KOZIOL EDW S MD	Pacific Bell
	LA MERCED MEDICAL CLINIC	Pacific Bell
	LA CLINICA FEMENINA	Pacific Bell
	MACARTHUR PARK MEDICAL CLINC	Pacific Bell
	MALEK AMAL MD	Pacific Bell
	MINAYA JOSE M MD INC	Pacific Bell
	NORTHROP PAUL MD	Pacific Bell
	PACHECO JOSE L MD	Pacific Bell
	PENEZ EDGAR MD	Pacific Bell

FINDINGS

Year	Uses	Source
1986	PRESCRIPTION PHARMACY TWENTY TEN	Pacific Bell
	QUIROS EFRAIN V DNTL CLNIC	Pacific Bell
	RANEY AIDAN A MD	Pacific Bell
	REDDY GAUTHAM	Pacific Bell
	RICHARD YAO DDS	Pacific Bell
	ROCOVICH PETER M MD	Pacific Bell
	ST THOMAS MEDICAL GROUP	Pacific Bell
	SCANDALIS RICHARD MD	Pacific Bell
	SEYMOUR EUGENE MD MDH	Pacific Bell
	SMITH NEVILLE C W MD	Pacific Bell
	TECHNOSOUND DIAGNOSTIC CORP	Pacific Bell
	TECHNOSOUND DIAGNOSTIC CORP	Pacific Bell
	TECHNOSOUND DIAGNOSTIC CORP	Pacific Bell
	TWENTY TEN PHARMACY	Pacific Bell
	PHARMACY	Pacific Bell
	U-DENT	Pacific Bell
	URGENT CARE MEDICAL CLINIC	Pacific Bell
	WASEF RASHAD MD	Pacific Bell
	WILSHIRE CENTER GERIATRIC MEDICAL GROUP INC	Pacific Bell
	WILSHIRE COFFEE SHOP	Pacific Bell
	WILSHIRE DIAGNOSTIC & THERAPEUTIC CENTER	Pacific Bell
	WILSHIRE FAIRVEIW MEDICAL GROUP	Pacific Bell
	WILSHIRE KING MEDICAL GROUP	Pacific Bell
	WILSHIRE MEDICAL REHABILITATION CLINIC	Pacific Bell
	WILSHIRE PARK MEDICAL GROUP	Pacific Bell
	WILSHIRE WESTLAKE HEALTH SERVICE INC	Pacific Bell
	YAO RICHARD DDS	Pacific Bell
	ADLER DENIS C MD INC	Pacific Bell
	ARCO IRIS MANAGEMENT INC	Pacific Bell
	BATONGMALAQUE JENNY MD	Pacific Bell
	BERG DAVID F PHYSICAL THERAPY INC	Pacific Bell
	BLEYBERG L STEPHEN MD	Pacific Bell
	BOUTROS SAWSAN DDS	Pacific Bell
	CARDEY NORMAN L MD	Pacific Bell
	CLINICA HISPANICA MEDICAL GROUP	Pacific Bell

FINDINGS

Year	Uses	Source
1986	COMPREHENSIVE PSYCHIATRY CENTER	Pacific Bell
	DE LOS ANGELES MEDICAL CLINIC INC	Pacific Bell
	DE LOS REYES J M	Pacific Bell
	EXPERTISE DOMESTIC AGENCY INC	Pacific Bell
	FAR EAST MEDICAL CLINIC	Pacific Bell
	FILIPINO COMMUNITY ACTION SERVICES INC	Pacific Bell
	GARCIA RODOLFO MD	Pacific Bell
	GOMEZ HERMENIA PERLAS MD	Pacific Bell
	HABASHI MAHER F MD	Pacific Bell
	HAFT STANLEY S MD INC	Pacific Bell
	HOLLISTER OSTOMY SUPPLIES	Pacific Bell
	HUNTER HERMAN J MD	Pacific Bell
	JARDON GASPAR MD	Pacific Bell
	KIM MIHYE DDS	Pacific Bell
	KOO CHARLES M DDS M S	Pacific Bell
1985	VIKING SAVINGS & LOAN ASSN	Pacific Bell
1981	DENIS C MD INC	Pacific Telephone
	ALLIEGRO ANSELMO M MD	Pacific Telephone
	ASHAMALLA GAMIL R MD UROLOGY	Pacific Telephone
	BERG DAVID F PHYSICAL THERAPY INC	Pacific Telephone
	BLANCO LABS	Pacific Telephone
	BLANCO LABS	Pacific Telephone
	SAWSAN DDS	Pacific Telephone
	GROUP	Pacific Telephone
	CENTER FOR AGING RESEARCH TRAINING	Pacific Telephone
	DDS	Pacific Telephone
	CORVALAN UROLOGICAL MEDICAL CLINIC INC	Pacific Telephone
	CHAS DDS	Pacific Telephone
	CUNEO HENRY M MD	Pacific Telephone
	DE LOS REYES J M MD	Pacific Telephone
	DIAGNOSTIC CENTERS INC	Pacific Telephone
	H MD	Pacific Telephone
	ESPIRITU MARCELA DMD	Pacific Telephone
	GALLAGHER HENRY F MD	Pacific Telephone
	GARCIA RODOLFO MD	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	GETZ JOHN MD	Pacific Telephone
	GODSHALI HARRY DDS	Pacific Telephone
	HAFT STANLEY S MD INC	Pacific Telephone
	HAN KWANG HUN DDS	Pacific Telephone
	HARNAGEL EDWARD E MD	Pacific Telephone
	HEART SCREEN	Pacific Telephone
	HOLLISTER OSTOMY SUPPLIES	Pacific Telephone
	HUMPHERYS ELFORD V DDS	Pacific Telephone
	HUNTER HERMAN J MD	Pacific Telephone
	IGNACIO LILIA DDS	Pacific Telephone
	JARDON GASPAR MD	Pacific Telephone
	JORDAN FREDERICK MD	Pacific Telephone
	KATZ SAUL DPM INC	Pacific Telephone
	KIM HONG II DOS MS	Pacific Telephone
	KIM KENNETH KYUNG SOO DDS	Pacific Telephone
	KINSTIER DR DONALD B AUDIOLOGY	Pacific Telephone
	KLOPP KIRK K DR	Pacific Telephone
	KOO CHEONG MO DDS	Pacific Telephone
	KOZIOL EDW S MD	Pacific Telephone
	KWAK EUGENE NOKWONG DDS	Pacific Telephone
	KWAK EUGENE NOKYANG DDS	Pacific Telephone
	MACARTHUR PARK MEDICAL CLINIC	Pacific Telephone
	MALEK AMAL MD	Pacific Telephone
	MANSOUR MEDHAT N MD UROLOGY	Pacific Telephone
	MARK HOWARD L MD	Pacific Telephone
	MCNULTY WILLIAM P DDS	Pacific Telephone
	MEJIA DUVAN MD SUR	Pacific Telephone
	MILLS TERRY R DDS	Pacific Telephone
	MINAYA JOSE M MD INC	Pacific Telephone
	NANKIN PABLO MD	Pacific Telephone
	NGUYEN PHUNG D MD	Pacific Telephone
	NORTHROP PAUL MD	Pacific Telephone
	PACHECO JOSE L MD	Pacific Telephone
	PELLICCIOTTI ALFRED DDS	Pacific Telephone
	PRECRIPTION PHARMACY TWENTY TEN	Pacific Telephone
	RANEY AIDAN A MD	Pacific Telephone
	REYES DE LOS J MD	Pacific Telephone
	RIVAS & ASSOCIATES ACCTNG	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	ROSS HARVEY R DR	Pacific Telephone
	SCANDALIS RICHARD MD	Pacific Telephone
	SEYMOUR EUGENE MD	Pacific Telephone
	SIBBETT WM A MD	Pacific Telephone
	SKINNY SCHOOL MEDICAL CILNIC	Pacific Telephone
	SOMERFELD ESTHER MD	Pacific Telephone
	THOMPSON GEO N MD	Pacific Telephone
	TWENTY TEN COFFEE SHOP THE	Pacific Telephone
	TWENTY TEN PHARMACY	Pacific Telephone
	PHARMACY	Pacific Telephone
	WALKER EDMUND F MD	Pacific Telephone
	WASEF RASHAD MD	Pacific Telephone
	WILSHIRE CENTER GERIATRICS MEDICAL GROUP HOME CARE SERVICE	Pacific Telephone
	WILSHIRE CENTER GERIATRICS MEDICAL GROUP INC	Pacific Telephone
	WILSHIRE CENTER GERIATRICS MEDICAL GROUP INC SYSTEMS	Pacific Telephone
1980	Cnrporate lidqtrs	Pacific Telephone
	Administration	Pacific Telephone
	Santa Monica	Pacific Telephone
	From Los Angeles Telephones Cal	Pacific Telephone
	Joe Henry School Of Real Estate	Pacific Telephone
	WESTSIDE ESCROW CO	Pacific Telephone
1975	HENRY JOE CO RI EST	Pacific Telephone
1962	EBY THOS M MD LOS ANGELES	Pacific Telephone
	NUGENT MAURICE W MD LOS ANGELES OFC LOS ANGELES	Pacific Telephone
1958	BYRNE RALPH MD BEVERLY HILLS OFC	Pacific Telephone
	EBY THOS M MD BEVERLY HILLS	Pacific Telephone
	BEVERLY HILLS	Pacific Telephone
1954	BYRNE RALPH V MD	R. L. Polk & Co.
1940	ROGA I	Los Angeles Directory Co.

2011 WILSHIRE BLVD

Year	Uses	Source
1990	VIDEO TECHNIQUE	Pacific Bell
1986	E C GRAPHICS	Pacific Bell
	VIDEO TECHNIQUE	Pacific Bell

Year	Uses	Source
1981	KINSTLER DONALD B PH D AUDIOLOGY OFC	Pacific Telephone
	LOS UNION CO COSMETCS	Pacific Telephone
	UNION CAMERA	Pacific Telephone
1940	BROWN R G MRS LACY L V	Los Angeles Directory Co.

2012 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1990	CALIFORNIA ORTHOPEDIC CENTER	Pacific Bell
1981	CALIFORNIA ORTHOPEDIC CO	Pacific Telephone
	SAEMANN MICHAEL	Pacific Telephone
1965	FARMERS INSURANCE GROUP SALES & CLAIMS OFFICES	Pacific Telephone
	COSTELLO M INS	Pacific Telephone
	BECKER R INS	Pacific Telephone
	CONNELLY PAT INS	Pacific Telephone
	COOPER H INS	Pacific Telephone
	FRANKLIN LIFE INS CO	Pacific Telephone
	FRANKLIN LIFE INS CO	Pacific Telephone
	GARDINER C CLIFF AGEY	Pacific Telephone
	GARDINER C CLIFF AGEY	Pacific Telephone
	GILMORE C INS	Pacific Telephone
	GREEN M INN	Pacific Telephone
	LANDRY L INS	Pacific Telephone
	LAURIA V6REALTOR	Pacific Telephone
	MEYER D INS	Pacific Telephone
	RIEFF B INS	Pacific Telephone
	STUCKER C INS	Pacific Telephone
	WALK ALVIN B GPA	Pacific Telephone
1962	GARDINER C CLIFF INS	Pacific Telephone
	FARMERS INSURANCE GROUP SALES & CLAIMS OFFICES	Pacific Telephone
	CONNELLY PAT INS	Pacific Telephone
	FRANKLIN LIFE INS CO C CLIFF GARDINER AGCY	Pacific Telephone
	GARDINER C CLIFF AGCY FRANKLIN LIFE INS CO	Pacific Telephone
	HOSPITAL FOOD MANAGEMENT INC	Pacific Telephone
	LAURIA V G REALTOR	Pacific Telephone
	OCONNOR MARTIN J	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	SLATER FOOD SERV MANAGEMENT CO	Pacific Telephone
	WOLK ALVIN B CPA	Pacific Telephone
1958	CONNELLY & BUTTERS INS	Pacific Telephone
	FRANKLIN LIFE INS CO C CLIFF GARDINER AGCY	Pacific Telephone
	GARDINER C CLIFF INS	Pacific Telephone
	GARDINER C CLIFF AGCY FRANKLIN LIFE INS CO	Pacific Telephone
	WOLK ALVIN B & CO ACCTNTS	Pacific Telephone
	FARMERS INSURANCE GROUP TO REPORT PERSONAL INJURIES	Pacific Telephone
1954	FARMERS INSURANCE GROUP	R. L. Polk & Co.
	Connelly Butters Agcy ins EX	R. L. Polk & Co.
	Farmers Ins Group EX	R. L. Polk & Co.
	Franklin Life Ins Co EX	R. L. Polk & Co.
	Gardiner C Cliff ins EX	R. L. Polk & Co.
	CONNEIIY & BUTTERS INS	R. L. Polk & Co.
	FRANKLIN LIFE INS CO C CLIFF GARDINER AGCY	R. L. Polk & Co.
	GARDINER C CLIFF INS	R. L. Polk & Co.
	GARDINER C CLIFF AGCY FRANKLIN LIFE INS CO	R. L. Polk & Co.
	WOLK ALVIN B & CO ACCTNTS	R. L. Polk & Co.
1948	Peerless Lndy	Los Angeles Directory Co.
1940	SASAKI ICHIRO	Los Angeles Directory Co.

2014 WILSHIRE BLVD

Year	Uses	Source
1986	YI JOHN D	Pacific Bell
1940	PARK L W (R)S	Los Angeles Directory Co.

2015 WILSHIRE BLVD

Year	Uses	Source
1990	DONNY S DONUTS & CHINESE RESTAURANT	Pacific Bell
1986	DONNY S DONUTS & CHINESE RESTAURANT	Pacific Bell
1940	ORIENTAL	Los Angeles Directory Co.

2019 WILSHIRE BLVD

Year	Uses	Source
1965	HAMILTON ROBT D REALTY CO	Pacific Telephone
	HAMILTON ROBT D REALTY CO	Pacific Telephone
1962	HAMILTON ROBT 0 REALTY CO	Pacific Telephone
	HAMILTON ROBT 0 REALTY CO	Pacific Telephone
1958	HAMILTON ROBT 0 REALTY CO	Pacific Telephone
	HAMILTON ROBT 0 REALTY CO	Pacific Telephone
1954	HAMILTON ROBT D REALTY CO	R. L. Polk & Co.
	HAMILTON ROBT D REALTY CO	R. L. Polk & Co.
	Hamilton Robt D real eset EX	R. L. Polk & Co.
1948	Lauria V G real est	Los Angeles Directory Co.
1928	CONSET H H REAL EST	Los Angeles Directory Co.

2020 WILSHIRE BLVD

Year	Uses	Source
2013	LUSH NIGHTCLUB & RESTAURANT	Cole Information Services
2008	LUSH NIGHTCLUB & RESTAURANT	Cole Information Services
	THE SPACE NIGHT CLUB	Cole Information Services
2006	SPACETHE	Haines Co., Inc.
	Rest AURANT	Haines Co., Inc.
	LUSH NIGHTCLUB&	Haines Co., Inc.
	CLUBLUSH	Haines Co., Inc.
2000	DEUCES	Haines & Company
1991	Carloes & Pepes	Pacific Bell
	Carlos & Popes	Pacific Bell
	CARLOES & PEPE S	Pacific Bell
1985	CARDOS & PEPE S	Pacific Bell
1980	Carls & Pepes	Pacific Telephone
1975	GREAT WESTERN SAVINGS AND LOAN ASSOCIATION BEVERLY HILLS	Pacific Telephone
1967	PRUDENTIAL INS CO OF AMERICA THE District Agencies For Life Health Sales & Service Call Your Nearby Ofc	Pacific Telephone
1965	PRUDENTIAL INS CO OF AMERICA THE	Pacific Telephone
1962	PRUDENTIAL INS CO OF AMERICA THE	Pacific Telephone
1958	DIST OFC	Pacific Telephone
1954	Mickey Evan S real est EX	R. L. Polk & Co.
	MICKEY EVAN S RL EST	R. L. Polk & Co.
	PETERS DONALD P	R. L. Polk & Co.
1948	Mickey Evan S Realtor	Los Angeles Directory Co.

Year	Uses	Source
1948	Mickey Loan Serv	Los Angeles Directory Co.
	Sanchez Anthony real est	Los Angeles Directory Co.
1928	VANDEVER C A	Los Angeles Directory Co.

2024 WILSHIRE BLVD

Year	Uses	Source
1940	SAWATAKI TETEUJE	Los Angeles Directory Co.

2025 WILSHIRE BLVD

Year	Uses	Source
2013	THE VEGGIE GRILL	Cole Information Services
	POQUITO MAS	Cole Information Services
2008	WORLDWIDE RESTAURANT CONCEPTS	Cole Information Services
2006	Rest AURANTS	Haines Co., Inc.
	SIZZLER	Haines Co., Inc.
2000	SIZZLER RESTAURANTS	Haines & Company
1991	SIZZLER RESTAURANTS	Pacific Bell
	Santa Monica	Pacific Bell
1985	SIZZLER RESTAURANTS CORPORATE OFC	Pacific Bell
1980	Santa Monica	Pacific Telephone
1965	U DRIVE TRUCKS INC	Pacific Telephone
1962	U DRIVE TRAILER RENTAL	Pacific Telephone
1954	Rumenapp Harold E EX	R. L. Polk & Co.
	Starlite Beauty Shop EX	R. L. Polk & Co.
	RUMENAPP HAROLD	R. L. Polk & Co.
1948	Severance Helen Mrs	Los Angeles Directory Co.
1940	RANEMOTE GEE	Los Angeles Directory Co.
1928	COULTER W A	Los Angeles Directory Co.

2029 WILSHIRE BLVD

Year	Uses	Source
1940	SUGLMOTE SOKCICHI WOMENS DOL	Los Angeles Directory Co.

2030 WILSHIRE BLVD

Year	Uses	Source
2013	GAS LITE	Cole Information Services
2008	THAI YOGA BODYWORK SANTA MONICA	Cole Information Services
	GAS LITE	Cole Information Services

FINDINGS

Year	Uses	Source
2006	GAS LITE	Haines Co., Inc.
2000	SLENC Laura	Haines & Company
	GAS LITE	Haines & Company
1991	GASLLTE	Pacific Bell
	Gas Llte	Pacific Bell
1985	GAS LITE	Pacific Bell
1981	THRIFTY DRUG & DISCOUNT STORES LOS ANGELES AREA STORES WILSHIRE & ALVARADO	Pacific Telephone
	ROCOVICH PETER M MD	Pacific Telephone
1980	Gas Lite	Pacific Telephone
1975	GAS LITE	Pacific Telephone
1965	GAS LITE	Pacific Telephone
1962	GAS LITE	Pacific Telephone
1958	U DRIVE CO TRUCKS	Pacific Telephone
1954	U Drive Serv Sta gas sta EX	R. L. Polk & Co.
	U DRIVE CO TRUCKS	R. L. Polk & Co.
1948	Fleming J W gas sta	Los Angeles Directory Co.
1928	KENT W L GAS STA	Los Angeles Directory Co.

2031 WILSHIRE BLVD

Year	Uses	Source
2013	NOMA SUSHI RESTAURANT	Cole Information Services
2008	NOMA RESTAURANTS	Cole Information Services
2006	Rest AURANTS	Haines Co., Inc.
	NOMA	Haines Co., Inc.
2000	NOMA RESTAURANTS	Haines & Company
1991	Noma Shu La 288063	Pacific Bell
	NOMA RESTAURANTS	Pacific Bell
	NOMA RESTAURANTS	Pacific Bell
1985	NOMA RESTAURANTS	Pacific Bell
1980	NOMA RESTAURANT	Pacific Telephone
	Noma Restaurant	Pacific Telephone
1975	CHICKEN COUNTRY	Pacific Telephone
1965	FRAJE S DONUT SHOP	Pacific Telephone
1962	GINGHAM GIRL DOMSTS SHOP	Pacific Telephone
1940	KAIZUKA I HE MRS BEAUTY SHXOP	Los Angeles Directory Co.

2032 WILSHIRE BLVD

Year	Uses	Source
1940	VOLKER R S	Los Angeles Directory Co.

2033 WILSHIRE BLVD

Year	Uses	Source
2000	AUERBACH Ernest	Haines & Company
1986	WORLD SAVINGS AND LOAN ASSOCIATION SAVINGS & CONSUMER LOANS	Pacific Bell
1981	ASSOCIATION BRENTWOOD SAVINGS WLA	Pacific Telephone
1980	Los Angeles	Pacific Telephone
1975	LITTLE GREEN WORLD THE	Pacific Telephone
1958	KELLOGG R R CO	Pacific Telephone
	KELLOGG R R CO	Pacific Telephone
1954	KELLOGG R R CO	R. L. Polk & Co.
	KELLOGG R R CO	R. L. Polk & Co.
1948	Voss Jack Appls home appls	Los Angeles Directory Co.
1928	BEEMAN W H REAL ES1	Los Angeles Directory Co.

2035 WILSHIRE BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1975	HAHN LEONARD B INC	Pacific Telephone
1958	SHALANDER REALTY	Pacific Telephone
1940	HATA TOZO ELEC SUPP	Los Angeles Directory Co.

2037 WILSHIRE BLVD

Year	Uses	Source
2013	RENE FRENCH CLEANERS	Cole Information Services
2006	CLEANERS	Haines Co., Inc.
	RENE FRENCH	Haines Co., Inc.
2000	X 21ST	Haines & Company
	RENE FRENCH CLEANERS	Haines & Company
	BRIDGE Elaine	Haines & Company
1991	RENE FRENCH CLEANERS	Pacific Bell
	Rene French Cleaners	Pacific Bell
1985	BEST FINANCIAL MANAGEMENT	Pacific Bell
	TRANS ATLANTIC CORP REALTORS	Pacific Bell
1980	Trans Atlantic Corp Realtors	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Trans Atlantic Corp Realtors	Pacific Telephone
1975	GEMINI CLEANERS	Pacific Telephone
1965	WILSHIRE-21 LIQUORS INC	Pacific Telephone
	AL FAHLSTEDTS LIQUORS	Pacific Telephone
	FAHLSLEDTS AL LIQUORS	Pacific Telephone
1962	WILSHIRE-21 LIQUORS INC	Pacific Telephone
	AL FAHLSTEDTS LI0UORS	Pacific Telephone
1958	WAGONER RADIO SERV	Pacific Telephone
1954	WAGONER RADIO SERV	R. L. Polk & Co.
	Wagoner Radio Serv EX	R. L. Polk & Co.
1940	TLYEDA M K BARBER	Los Angeles Directory Co.

2039 WILSHIRE BLVD

Year	Uses	Source
1940	4ITO DALTARO GRE	Los Angeles Directory Co.

2040 WILSHIRE BLVD

Year	Uses	Source
1940	KETCHIE J LR GRO	Los Angeles Directory Co.

2042 WILSHIRE BLVD

Year	Uses	Source
1940	FLAMES HUBERT	Los Angeles Directory Co.

2043 WILSHIRE BLVD

Year	Uses	Source
1940	OKA G KC DRY GDS	Los Angeles Directory Co.

2044 WILSHIRE BLVD

Year	Uses	Source
1940	OKAMOTO S C	Los Angeles Directory Co.

2045 WILSHIRE BLVD

Year	Uses	Source
1940	ICINURA KIRNI MRS RESTR	Los Angeles Directory Co.

2051 WILSHIRE BLVD

Year	Uses	Source
1940	YAMAGUCHI TOMN	Los Angeles Directory Co.

Wilshire Boulevard

1932 Wilshire Boulevard

Year	Uses	Source
2006	WALGREENS DRUG	Haines Co., Inc.
	WALGREENSDRUG	Haines Co., Inc.
	STORES ST INFO	Haines Co., Inc.
	STRS PRSCRPTNS	Haines Co., Inc.
2000	XXXX	Haines & Company
	X 20TH	Haines & Company
1991	Main	Pacific Bell
1990	GREAT WESTERN BANK SANTA MONICA MAIN SANTA MONICA	Pacific Bell
1986	GREAT WESTERN SAVINGS SANTA MONICA	Pacific Bell
1985	GREAT WESTERN SAVINGS FS & LA SANTA MONICA SAVINGS	Pacific Bell
1980	Santa Monica	Pacific Telephone
	New Accounts	Pacific Telephone
	Other Savings Information	Pacific Telephone
	From Los Angeles Telephones Cal	Pacific Telephone
1975	OCEAN MOTORS	Pacific Telephone
1971	Cutright Porsche Audi	Pacific Telephone
1965	WHITE FRONT TIRE DEPT	Pacific Telephone
1962	CUTRIGH-T RALPH CO AUTOS	Pacific Telephone
	CUTRIGHT RALPH CO autos	Pacific Telephone
1958	SERVICE DEPARTMENT	Pacific Telephone
	SUPERFINE MOTORS	Pacific Telephone
	SUPERFINE MOTORS	Pacific Telephone
1954	Vacant	R. L. Polk & Co.
	RANSOM MOTORS DE SOTO-PLYMOUTH	R. L. Polk & Co.
	RANSOM MOTORS DE SOTO-PLYMOUTH	R. L. Polk & Co.
1948	Bloom Chas W Inc autos	Los Angeles Directory Co.

WILSHIRE DR

1901 WILSHIRE DR

Year	Uses	Source
1970	SANTA MONICA CASH REGISTER CO	Pacific Telephone

FINDINGS

1902 WILSHIRE DR

Year	Uses	Source
1970	HOUSE OF VANS SHOES	Pacific Telephone

1906 WILSHIRE DR

Year	Uses	Source
1970	BLOCK H & R TAX PREPRTN	Pacific Telephone

1907 WILSHIRE DR

Year	Uses	Source
1970	HALLMARK CLEANERS	Pacific Telephone

1909 WILSHIRE DR

Year	Uses	Source
1970	DEVIN STEAK HOUSE INC	Pacific Telephone

1910 WILSHIRE DR

Year	Uses	Source
1970	LUIGI S CAFE	Pacific Telephone

1911 WILSHIRE DR

Year	Uses	Source
1970	GLENN DON INTERIORS	Pacific Telephone

1912 WILSHIRE DR

Year	Uses	Source
1970	SARA MORGAN BEAUTY SALON	Pacific Telephone

1913 WILSHIRE DR

Year	Uses	Source
1970	JELLISON TRAVEL SERVICE	Pacific Telephone

1914 WILSHIRE DR

Year	Uses	Source
1970	JULES TOP SHOP	Pacific Telephone

1915 WILSHIRE DR

Year	Uses	Source
1970	ANN S FLOWERS	Pacific Telephone
	ANN S FLOWERS	Pacific Telephone

FINDINGS

1916 WILSHIRE DR

Year	Uses	Source
1970	CARLSON ROBT T RL EST	Pacific Telephone

1931 WILSHIRE DR

Year	Uses	Source
1970	SERVICE BUREAU CORP THE	Pacific Telephone
1964	SERVICE BUREAU CORP THE A SUBSIDIARY OF IBM	Pacific Telephone
1960	SERVICE BUREAU CORP THE A SUBSIDIARY OF IBM	Pacific Telephone

1932 WILSHIRE DR

Year	Uses	Source
1970	CUTRIGHT PORSCHE AUDI	Pacific Telephone
	PORSCHE DIV OF RALPH CUTRIGHT VOLKSWAGEN INC	Pacific Telephone

2001 WILSHIRE DR

Year	Uses	Source
1970	MASTERS INN	Pacific Telephone
	MASTERS INN	Pacific Telephone
	MASTERS INN	Pacific Telephone
	THE MASTERS INN	Pacific Telephone

2002 WILSHIRE DR

Year	Uses	Source
1970	JOE S RICHFIELD SERVICE	Pacific Telephone
	JOE S RICHFIELD SERVICE STN	Pacific Telephone

2012 WILSHIRE DR

Year	Uses	Source
1970	DIXIE CHICKEN N THINGS	Pacific Telephone
	DIXIE FRIED CHICKEN	Pacific Telephone

2025 WILSHIRE DR

Year	Uses	Source
1970	SIZZLER FAMILY STEAK HOUSE NO 216	Pacific Telephone

2030 WILSHIRE DR

Year	Uses	Source
1970	GAS LITE	Pacific Telephone

2031 WILSHIRE DR

Year	*Uses*	*Source*
1970	DONUT HUT	Pacific Telephone

2037 WILSHIRE DR

Year	*Uses*	*Source*
1970	SIR GUY LIQUORS	Pacific Telephone

WILSHIRE PL

2001 WILSHIRE PL

Year	*Uses*	*Source*
1991	MANAGEMENT RECRUITERS OF SANTA MONICA INC	Pacific Bell
	Management Recruiters Of Santa Monica Inc	Pacific Bell
	Grossman Allan	Pacific Bell
	From Los Angele Telephones Call	Pacific Bell
	Grossman Albert atty	Pacific Bell
	GROSSMAN ALBERT ATTY	Pacific Bell

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1925 Arizona St and 1242 20th St	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1141 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1184 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1192 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1200 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1201 1/2 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1201 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1201 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1201 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1202 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1202 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1203 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1203 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1205 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1206 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1207 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1208 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1208 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1208 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1209 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1209 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1209 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1210 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1210 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1211 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1212 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1212C 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1214 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1214 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1214 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1214 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1214 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1217 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921

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Address Researched	Address Not Identified in Research Source
1217 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217B 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217C 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217D 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217F 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1218 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1218 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1218 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1218 N 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219B 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219C 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1219C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219D 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1220 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1220 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1220 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1221A 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221B 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1221C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1222 1/2 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1222 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1222 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1222 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1222 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1222 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1223 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1223 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1223 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 20th Street	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1223 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1223A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223A 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223A 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223B 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1223C 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 1/2 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1224 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1224 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 20th Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 21ST ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1224B 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1225 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1225 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1226 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1227 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 21ST ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 1/2 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1228 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1228 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1228 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1228 21ST ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229 1/2 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1229C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1230 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1230 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 19TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1232 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1232A 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1232B 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1232C 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1232D 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 1/2 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1233 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 20TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1233L 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 1/2 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1234 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1234 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1234 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1234 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234A 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234A 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234B 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234B 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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1234B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234B 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234C 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234C 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1234D 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1235 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1236 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1236 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1236 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1236 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1236 N 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 1/2 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1237 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1237 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1237 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1237B 21ST PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1238 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1238 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1238 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1238 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1238 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1238 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1238 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1238 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 19th Street	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 20TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1239 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239A 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239B 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239C 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239D 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1239D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1240 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1240 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1240 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1240 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1240 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 21ST ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1241 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1241C 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1243 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1243 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243A 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1243B 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1244 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244 18TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1244 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1244 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1244 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1244 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1244 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244A 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1244A 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244A 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244A 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244B 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244B 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244C 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1244D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 1/2 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1245 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 19TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1245 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1245 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1246 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1246 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1246 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1246 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1246 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 1/2 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1247 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1247 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 21ST ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1247 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1247D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1248 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1248 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1248 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1248 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1293 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1249 1/2 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1249 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1249 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249A 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249A 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249B 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249B 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249B 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249C 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249C 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1249D 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249D 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249E 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249E 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249F 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1249F 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1250 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1250 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1250 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1251 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1251 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1251 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1251 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1251 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1252 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1252 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1253 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1253 18TH AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1253 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1253 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1253 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1253 19th Street	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921

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Address Researched	Address Not Identified in Research Source
1253 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1253 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1253 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1254 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1254 19TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1254 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1254 W 21ST UP I	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255 20th Street	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1255 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255A 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255B 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255D 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255F 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255I 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1255J 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1257 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1257 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1257 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1257 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1257 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1257 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1257 21ST ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1258 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1258 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1258 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1258 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1258 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1258 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1258 N 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1259 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1259 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1259 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1259 21ST RD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1260 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1963, 1961, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1260 18TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1260 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1263 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1265 21ST ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1266 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1266 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1266 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1267 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1267 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1267 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1267 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1267 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1268 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1272 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1272 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1272 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1273 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1273 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1273 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1273 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1277 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1278 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1278 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1278 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1278 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1279 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1281 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1284 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1284 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1285 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1285 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1285 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1285 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1285 S 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1286 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1286 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1292 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1292 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1293 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1293 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1293 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1293 21ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1293 21ST CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1294 19TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1294 E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1300 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1301 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1301- 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 1/2 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1302 19TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1303 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1303 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1303 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1304 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1305 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1305 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1307 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1307 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1307 18TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1307 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1307 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1308 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1308 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1309 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1309 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1310 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1310 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1310 20TH CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 20TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310A 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310B 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1311 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1311 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 18TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1311B 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1312 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1312 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1312 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1312 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921

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Address Researched	Address Not Identified in Research Source
1312 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1313 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1314 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1314 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1314 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1314 20TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1314 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 18TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1321 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 20TH CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 20TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1935, 1934, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1316 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1316 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1317 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1317 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1317 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1317 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317A 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1318 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1318 18TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1318 19TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1318 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318D 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318E 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1318F 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 18TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1319 20TH CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 20TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1935, 1934, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1319 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1321 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1321B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1321C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1322 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1322 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1322 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1322 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1322 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1323 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1323 18TH CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1323 18TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1323 18TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1324 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1324 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1324 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1324 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1324 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1324 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1324 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1324 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1325 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 20TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1935, 1934, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1326 189TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1326 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1326 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1327 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1327 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1327 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1327 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1328 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1328 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1328 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1328 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1328 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1328 19TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1328 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1328 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921

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Address Researched	Address Not Identified in Research Source
1328 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1328 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1328B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 18TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 18TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 190TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 19TH AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1330 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1330 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1330 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1330 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1330 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1331 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1331 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1331 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1331 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332 1/2 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332 18TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1332 20TH PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1332B 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 18TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1333 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1333 19TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334 1/2 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1334 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1334 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1334 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1334 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1334 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334A 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334B 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1334B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1335 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1335 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1336 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1336 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1337 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1337 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 1/2 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 1/2 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1338 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1338 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 3/4 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 3/4 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338A 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338B 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338B 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338C 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1350 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1339 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1339 20TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1339 20TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1339 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1340 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1341 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1341 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1341 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1341 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1342 1/2 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1342 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1342 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1342 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1342 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1342 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1342 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1343 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1343 19TH ST	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1343 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1344 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1344 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1344 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1345 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1346 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1346 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1346 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1347 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1347 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1961, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1348 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1348 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1348 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1348 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1348 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1349 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1349 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1349A 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1350 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1350 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1351 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1351 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1351 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1351 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1352 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1353 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1353 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1353 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1353 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1354 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1354 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1354 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1354 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1355 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1355 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1355 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1355 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1355 220TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1356 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1356 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1356 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1356 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1356 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1357 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1358 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1359 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1360 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1361 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1362 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1362 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1362 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1363 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1364 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1365 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1365 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1366 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1367 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1367 19TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1367 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1368 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1368 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1368 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1369 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1369 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1369 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1370 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1371 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1372 19TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1372 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1372 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1373 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1374 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1374 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1376 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1376 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1378 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1380 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1380 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1380 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1381 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1382 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1384 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1385 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1386 20TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1386 20TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1386 20TH ST E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1386 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1388 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1390 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1392 20TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1800 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1802 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1804 S ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1806 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1808 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1810 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1812 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1812 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1812 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1813 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1813 ARIZONA AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1814 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1814 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1814 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1815 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1815 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1816 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1822 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1824 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1826 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1826 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1826 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1828 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1831 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1831 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1832 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1833 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921
1834 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1835 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1836 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1838 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1842 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1846 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1848 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1852 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1854 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1855 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1893 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1900 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1901 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1901 WILSHIRE BLVD	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1901 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1901A WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1902 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1902 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1902 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1902 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1902 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1903 1/2 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1903 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
1904 ARIZONA	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1904 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1904 WILSHIRE BLVD	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1905 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1906 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1906 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1907 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1907 WILSHIRE BLVD	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1907 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1908 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1909 1/2 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1909 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1909 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1909 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1910 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1910 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1910 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1911 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1972, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1911 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1911 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1912 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1912 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1913 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1981, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1913 WILSHIRE BLVD	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1913 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1914 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1914 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1914 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1914 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1915 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
1915 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1915 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1915 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1915 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1916 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1916 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1916 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1916 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1916A ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1917 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1919 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1920 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1920 ARIZONA AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1920 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1921 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1922 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1922 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1922 N ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1923 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1924 S ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1925 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1925 ARIZONA AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1925 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1925 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1927 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1928 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1929 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1930 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1930 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1930 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1938, 1937, 1936, 1935, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1930B ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1931 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1931 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1931 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1932 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1981, 1976, 1972, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1932 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1932 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1932 Wilshire Boulevard	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1981, 1976, 1972, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1932 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1933 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1934 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1936 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1938 S ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1940 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1941 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1942 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1945 1/2 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1945 1/4 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1945 3/4 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1945 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1947 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1956 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1993 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2001 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1992, 1990, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 WILSHIRE PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2002 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2002 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2002 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2004 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2005 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2006 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2006 WILSHIRE BLVD	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2007 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2008 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2008 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2010 WILSHIRE BLVD	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2010 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2011 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2012 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2012 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2014 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2014 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2015 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921

FINDINGS

Address Researched	Address Not Identified in Research Source
2015 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2020 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921
2020 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2020 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2020 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2021 ARIZONA AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2021 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
2021 ARIZONA AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2021 Arizona Avenue	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921, 1920
2021 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2024 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2024 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2024 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2025 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2025 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2025 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2027 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1923, 1921
2027 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2029 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2030 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2030 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2030 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2031 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2031 WILSHIRE BLVD	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2031 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2032 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2033 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2035 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
2035 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2037 WILSHIRE BLVD	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2037 WILSHIRE BLVD	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2037 WILSHIRE DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2039 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2040 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2042 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2043 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2044 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2045 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2051 WILSHIRE BLVD	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2101 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2101 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2107 1/2 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2107 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2107 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2109 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2109 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2111 ARIZONA AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921
2121 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2121 ARIZONA AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2121 Santa Monica	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2121 SANTA MONICA BLVD	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2125 ARIZONA AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2125 ARIZONA AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2125 ARIZONA PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX H

PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

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environmental management, inc.

Phase I ESA User Provided Information Questionnaire

Date: May 5, 2015

Your Name: Ellen Rose

Your Title: 1st V. P., Legal

Site Name: 1925 Arizona

Site Location: Santa Monica, CA

5/5/15 Rose

Relationship to Site: ☐ Owner ☐ Occupant ☑ Purchaser ☐ Other (please explain)

We are unfamiliar with past uses of the property, and are not aware of any violations or litigation against this asset having to do with environmental issues. We are not aware of any liens on title, or contamination. We have no special knowledge of the property. Please refer to previous Phase I and/or other Environmental Site Assessments or investigations, which may have been performed on the property, in order to answer the questions that may be contained in your form. We are not experts in the environmental field and rely on third party consultants to supply the requested information.

1. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

   ☐ Yes ☐ No

   If Yes, please explain: _____

2. Are you aware of any activity or land use limitations, such as engineering controls (for contaminant control), land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   ☐ Yes ☐ No

   If Yes, please explain: _____

428 13th Street, 4th Floor, Oakland, California 94612 tel 510.839.0688 fax 510.839.4350
www.ngem.com

3. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☐ No

If Yes, please explain:_____

_____

4. Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

b) Do you know of specific chemicals that are present or once were present at the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

c) Do you know of chemical spills that have taken place at the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

d) Do you know of any environmental cleanups that have taken place at the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

e) Do you know if any fill material has been imported to the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

5. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

6. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

7. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

8. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

☐ Yes ☐ No

If Yes, please explain:_____

_____

7. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain:_____

_____

8. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain:_____

_____

9. Does the Site's purchase price reasonably reflect the fair market value of the property?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If No, do you know the reason for lower purchase price? Is it possible that the lower purchase price is because of contamination known or believed to be present at the Site?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain:_____

_____

10. Have any of the following documents been prepared for the Site and, if so, can copies be provided to Northgate:

- Environmental site assessment reports ☐ Yes ☐ No ☐ Copies available
- Environmental compliance audit reports ☐ Yes ☐ No ☐ Copies available
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits) ☐ Yes ☐ No ☐ Copies available
- Registrations for underground storage tanks (USTs) and/or above ground storage tanks (ASTs) ☐ Yes ☐ No ☐ Copies available
- Registrations for underground injection systems ☐ Yes ☐ No ☐ Copies available

- Material safety data sheets ☐ Yes ☐ No ☐ Copies available
- Community right-to-know plan ☐ Yes ☐ No ☐ Copies available
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. ☐ Yes ☐ No ☐ Copies available
- Reports regarding hydrogeologic conditions on the Site or in the surrounding area
  ☐ Yes ☐ No ☐ Copies available
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Site or relating to environmental liens encumbering the Site ☐ Yes ☐ No ☐ Copies available
- Hazardous waste generator notices or reports ☐ Yes ☐ No ☐ Copies available
- Risk assessments ☐ Yes ☐ No ☐ Copies available
- Recorded Activity and Use Limitations (e.g. deed restriction, asphalt cap)
  ☐ Yes ☐ No ☐ Copies available

If you know of specific chemicals or other hazardous materials (e.g., PCB associated with transformers, batteries, etc.) that are present or were once present at the property, how were they used, stored, and disposed?

Do you know of aboveground or underground storage tanks on the property? If yes, what did they contain?

Do you have any knowledge or experience with nearby/adjacent properties? If yes, do you have knowledge of chemicals, releases, or cleanups on these properties?

How long have you owned, operated, leased, or been familiar the present and past uses of the property?

Northgate Environmental appreciates your assistance on this project.

APPENDIX I

ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

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DERRICK S. WILLIS

PRINCIPAL

Mr. Willis has over 24 years' experience serving both public sector and private clients in California and Canada on a wide variety of environmental projects. For the last several years, Mr. Willis' focus has been on formulating and facilitating closure and development strategies for large, complex, high profile, environmental projects for aerospace, industrial, and real estate development firms. Mr. Willis has extensive experience with due diligence/property transfer and development issues in a wide variety of industrial and regulatory settings. He is familiar with the industrial processes that generate environmental wastes, the fate and transport of chemicals in the environment, the potential adverse effects of these substances on human and ecological receptors, compliance challenges faced by business operators, the performance of remedial technologies, and how these issues play into site acquisition, development, and divestiture.

REPRESENTATIVE EXPERIENCE

Site Investigation and Remediation

- *Kimco Realty Corporation, multiple locations in California and Nevada, – Serves Principal-in-Charge and program manager for investigation and remediation of several dry-cleaner sites in California (Cupertino, Daly City, Lakewood, and LaVerne) and Reno, Nevada. Projects range from investigation of soil impact to remediation of soil and groundwater. Mr. Willis is responsible for developing remedial strategies, negotiating with regulatory agencies, and providing technical direction to staff in order to evaluate and remediate site impacts, and bring sites to regulatory closure.*
- *Baker Cold Storage, Port of Long Beach Pier B Facility, California* – Serves as project manager for remediation and redevelopment support of a 12-acre former wood treatment facility in the Port of Long Beach. The site is impacted with pentachlorophenol (PCP), metals, VOCs, and dioxins/furans. In addition, tidally influenced groundwater is impacted with PCP and petroleum hydrocarbons and methane charged from oilfield operations. Mr. Willis successfully streamline the regulatory process by aggregating the remedial work plans including RCRA closure of a drip pad, into one encompassing work plan (Soil and Groundwater Response Plan) and one Remedial Design Document ([RDD]that incorporated the facility design components into building mitigation design), and securing agency approvals on components of site construction concurrent with development of the RDD. Site is currently being developed with a 250,000 square-foot cold storage facility.
- *Black Mountain Industrial Complex Remedial Design and Implementation, Nevada* – Served as project manager for expedited investigation and remediation program for the Tronox industrial facility within the BMI Complex. Previously the world's largest magnesium production facility during World War II, the site was later utilized for the manufacture of rocket fuel, other products, and most recently alkali and manganese oxide-based chemicals. Historical Industrial operations resulted in subsurface impacts from heavy metals, perchlorate, pesticides, chlorinated solvents, asbestos, radionuclides, and other chemicals. Developed streamlined investigation and remedial approach, prepared remedial plans, and rapidly mobilized and managed a team of staff and subcontractors to remove approximately 800,000 cubic yards of soil from the site to meet commercial soil cleanup goals for direct contact exposure in an expedited timeframe.
- *Hawaii Wood Preserving Company Treatment Facility, Maui, Hawaii* – Served as project manager, for decommissioning, investigation, remediation, and closure for a former wood treatment facility to allow for redevelopment. The site operated as from 1972 to 2001 to treat

lumber with PCP, chromated copper arsenate (CCA), permithrin, and disodium octoborate. Chemicals were profiled, all equipment was decontaminated and ecommissioned, and verification sampling was conducted as part of decommissioning. A remedial investigation and remedial alternatives analysis was developed and implemented to investigate and develop a path-forward to closure. The implemented remedial approach consisted of site capping and long-term groundwater monitoring.

- *Lockheed Martin Former International Light Metals Facility, Torrance, California*— Served as project manager and principal investigator for a 67-acre aerospace facility where client objective was expedited redevelopment. The project included facility demolition, preparation and implementation of a Resource Conservation and Recovery Act (RCRA) closure plan for 11 permitted RCRA units, negotiations with the Department of Toxic Substance Control (DTSC), preparation of a RCRA Facility Assessment (RFA) (210 features identified that required intrusive investigation), implementation of a RCRA Facility Investigation (RFI) for soil, preparation of a health-based risk assessment, and implementation of soil remediation. Site closure for soil was granted only three years after project initiation, in contrast to the normal six to eight year process, and has been used as an example by head DTSC officials as an example of industry and the regulatory community working together to achieve expedited site closures for property redevelopment purposes. Mr. Willis also developed strategy for groundwater investigation and remediation and negotiated the corrective action consent agreement (CACA) with DTSC.

- *Playa Capital Corporation, Playa Vista Development Project, Los Angeles, California*— Mr. Willis served as program manager for the Playa Vista project, one of the largest and most visible brownfield development projects in the country. At 1,100 acres, it is the largest underway in Los Angeles County. His primary responsibility included environmental program management (including scoping, developing, scheduling, and tracking environmental activities for the development project), risk management (including developing and negotiating with agencies for appropriate cleanup criteria), remedial strategy/management (including development and implementation of pilot tests and oversight of investigation and remediation activities), agency/RP/buyer negotiations, consultant and contractor selection/oversight, coordination with Playa's infrastructure group on the development/implementation of integrated remedial approach where appropriate, litigation support, data management, and transactional support with respect to the sale of remediated parcels.

- *Project Manager, Confidential Client, Buena Park, California*— Served as project manager for multi-media remediation project at a commercial development in Buena Park, California. The site was a former food processing facility that was redeveloped into commercial offices and warehouse space. Evaluated the environmental liability for a Real Estate Investment Trust (REIT) that subsequently purchased the property, and managed remediation program in conjunction with site redevelopment.

- *Project Manager, Brownfield Redevelopment, Torrance, California*— Served as project manager for site redevelopment project for a PacTrust. Evaluated environmental liabilities associated with a 12-acre parcel that was part of a butadiene plant (Del Amo Superfund Site) left undeveloped as a brownfield, and formulated a strategy to expedite regulatory closure and redevelopment. A comprehensive investigation was completed on the parcel, and the report submitted to the Environmental Protection Agency (EPA) for review. Successfully negotiated with EPA to conduct a non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) closure program. Conducted soil remediation program under EPA oversight in conjunction with site construction activities.

- *Project Manager, Investigation and Remediation Program, Safety Kleen, Vancouver, British Columbia, Canada*— Managed remediation of former solvent recycler transfer stations in British Columbia and Alberta, Canada. Sites involved characterization and remediation of soil and

perched groundwater zones. Assessed feasibility of vapor extraction for cleanup of vadose zone contamination, and designed and installed a dewatering system for perched water in former tank cavities and surficial saturated zone for Vancouver transfer station. Achieved regulatory site closure two years faster than previous consultant's estimate.

- *Cupples Manufacturing, Investigation and Remediation Program, La Mirada, California*— Project manager for soil/groundwater characterization and remediation program at a truck maintenance facility in La Mirada, California. Conducted an underground storage tank and clarifier removal program in conjunction with site characterization activities. Implemented remediation of soil and groundwater impacted with petroleum hydrocarbons. Negotiated and received closure from Regional Water Quality Control Board (RWQCB).

- *Alberta Environment, Abandoned Wood Treatment Sites, Various Locations, Alberta, Canada*— Project manager for the Wood Preserving Sites Characterization Program for Alberta Environment. Performed site characterization of four former wood preservation sites in Alberta, Canada. The sites had been used for many years for treating wood poles and railroad ties with a pentachlorophenol/diesel mixture. Soil and/or groundwater were impacted at the sites. Soil borings and groundwater monitoring wells were installed, and laboratory analysis of soil and groundwater was performed, to help determine the lateral and vertical migration of dissolved-phase hydrocarbons in the groundwater and dense non-aqueous phase liquids (DNAPLs) through glacial tills and several non-confining layers. Detailed drilling and sampling plans were necessary to ensure correct evaluation of vertical DNAPL migration. Aquifer tests were performed and receptor data were collected in order to formulate a quantitative assessment of both health-based and environmental risk.

- *Texaco Refining and Marketing Inc., Investigation and Remediation Programs, Various Locations, Southern California*— Responsible for remediation programs at several petroleum retail outlets for Texaco in the southern California area. Projects included soil and groundwater investigation programs, underground storage tank (UST) removals, remedial design (including design and implementation of vapor extraction and aquifer tests), implementation of remedial program, and operation and maintenance of remediation systems. This included designing, specifying, permitting, and installing of all equipment (including piping, downhole pumps, off-gas treatment, and water treatment).

- *Groundwater Contamination Investigation and Analysis, Technisol, Raymond, Alberta, Canada*— Conducted a groundwater investigation program at a solvent recycling facility located in southern Alberta, Canada. The program was implemented to determine the lateral and vertical extent of several species of chlorinated volatile organic compounds present in the confined aquifer beneath the facility. Aquifer testing was performed to estimate migration rates and to provide preliminary data for remedial action. Successfully negotiated with Alberta Environment (lead regulatory agency) for monitored natural attenuation approach.

- *Pier A Railyard, Port of Los Angeles, Los Angeles, California*— *Managed* a soil and groundwater investigation program at a Port of Los Angeles rail transfer yard. The objective of the project was to characterize previously identified polynuclear aromatic compounds, volatile organic compounds, and petroleum hydrocarbons in the soil and groundwater, and identify any regulated building materials in the site structures in order to facilitate an expedited redevelopment program. The project was finished ahead of schedule and under budget.

- *Soil and Groundwater Remediation, Texaco, Various Locations, Southern California*— Conducted vapor extraction tests, performed data analysis, and generated recommendations for an industrial manufacturing facility to determine the viability of using vapor extraction for remediating chlorinated solvents, primarily tetrachloroethene (PCE), present in the soil beneath the facility. Each test was designed to assess air flow rates and vacuums, vertical interference

and crossflow, radii of influence, potential for water upwelling, and effectiveness of vapor extraction in both vadose and capillary zones. Extracted vapors were collected to determine volatile organic compound concentrations. Data were used to determine well spacing and slotting intervals, optimum flow rate/vacuum combinations, extraction blower sizing, and vapor treatment equipment.

- *Texaco, Various Locations, Southern California*— Responsible for preparation of South Coast Air Quality Management District (SCAQMD) permitting, installation, operation and maintenance of thermal and catalytic oxidizers/vapor extraction systems for the remediation of soil (containing petroleum hydrocarbons) beneath operating service stations.

Environmental Site Assessments and Regulatory Compliance

- *TMDL Compliance, City of Torrance and Peninsula Cities, California* – Principal-in-Charge for surface/stormwater monitoring programs for both the City of Torrance and of the City of Rolling Hills Estates, Rolling Hills, Palos Verdes Estates, and Rancho Palos Verdes (Peninsula Cities). Programs are to maintain regulatory compliance with Total Maximum Daily Load (TMDL) requirements.
- *RREEF, Multiple Sites, Southern California*— Mr. Willis serves as client director for RREEF on multiple projects including acquisition studies (which include mold, asbestos and indoor air quality surveys), tenant audit programs, soil remediation, groundwater investigation and remediation, third party oversight, agency negotiation, and mold and asbestos abatement programs.
- *Opus Corporation, Multiple Sites, Southern California*— Mr. Willis has directed over 50 acquisition-related due diligence investigations for Opus Corporation (Opus). Scope of work has included Phase I ESAs, soil and groundwater investigations, risk evaluations, agency negotiation, and aiding Opus in evaluating and quantifying the potential risk associated with recognized environmental concerns.
- *Various Clients, Various Locations, Southern California*— Project manager for more than 200 Phase I environmental assessments (ESAs) for industrial facilities including aerospace, furniture and paper manufacturing factories; utility companies, vehicle and equipment maintenance facilities; and landfills as well former agricultural land. The objective of the ESAs was to evaluate and quantify potential liabilities associated with the acquisition and development of the properties.

EDUCATION

B.S., Geology, University of Alberta, Alberta, 1988

PROFESSIONAL HISTORY

Northgate Environmental Management, Principal, 2006 to date

LFR Levine Fricke, Principal Hydrogeologist, 2002 – 2006
Integrated Environmental Services, Director of Operations/Senior Program Manager, 1999 – 2002
ARCADIS Geraghty & Miller, Inc. Senior Hydrogeologist, 1993 – 1999
Environmental Design Corporation, Vice President, 1992
Environmental Science & Engineering, Inc., Staff Geologist, 1991
Terracon Geotechnique, Ltd., Geologist, 1989 – 1991
Contract Positions, Various Locations, Geologist, 1988

REGISTRATIONS

Registered Geologist: Alberta, Canada No. 48113
Certified Environmental Manager, Nevada, No.

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environmental management, inc.

Nicky Galloway
PROJECT ENGINEER

Ms. Galloway is a Project Engineer whose focus has been in remediation construction site oversight, Phase I and II environmental site assessments, environmental field sampling, environmental audits, site inspections, and technical data review. Her environmental field experience includes soil and groundwater sampling, soil vapor studies, stormwater sampling, indoor air quality studies, air monitoring activities, and site cleanups. Ms. Galloway has received the OSHA 40 Hour HAZWOPER Training.

REPRESENTATIVE EXPERIENCE

- *Machado Lake Nutrient TMDL Sampling, Rolling Hills Estates, California* – Ms. Galloway collected stormwater samples and obtained flow measurements in accordance with the Palos Verdes Peninsula Coordinated Monitoring Plan and the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles Regional Water Quality Control Board) to monitor nutrients, including nitrogen and phosphorous discharged from Rolling Hills Estates to Machado Lake. Sampling activities included rapid mobilization during wet weather and dry weather events on a monthly basis since 2012 to collect samples from surface waters and confined conveyance systems. She calculated monthly averages of total nitrogen and total phosphorous and compared the results to waste load allocations to determine attainment status.

- *Machado Lake Nutrient TMDL Sampling, Torrance, California* – Ms. Galloway collected stormwater samples and obtained flow measurements in accordance with the provisions of the Machado Lake TMDL Special Studies Work Plan and the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles Regional Water Quality Control Board) to monitor nutrients, including nitrogen and phosphorous discharged from Rolling Hills Estates to Machado Lake. Sampling activities included rapid mobilization during wet weather and dry weather events on a monthly basis since 2012 and data collection from data loggers to calculate flow rate and discharge volume and to monitor storm events. She also maintains discharge flow and volume calculations for annual reporting.

- *Baker Cold Storage Facility Brownfield Clean-up, Long Beach, California* – Ms. Galloway prepared a Phase I ESA for the site, conducted site visits, and performed work zone and perimeter air monitoring for the Site that is under the regulation of the DTSC. She also prepared daily activity reports including the analysis of air monitoring and Rule 1166 monitoring data to submit to the DTSC. Ms. Galloway also coordinated field activities including the decontamination and sampling of former drip pads, air monitoring activities, and wastewater sampling.

- *Anthropogenic Source Nutrient Assessment, Rolling Hills Estates, California* – Conducted wet weather event stormwater sampling for identification of nutrient sources to study nutrient load reduction at the Model Equestrian Center Project, Rolling Hills Estates, CA.

- *Former Apartment Complex Close-Out, Carson, California* – Ms. Galloway was responsible for the oversight of environmental field activities related to the demolition of an existing apartment complex for redevelopment. Field activities included asbestos and lead-based paint surveys and removal, hazardous waste packaging and disposal, geophysical surveys, and air monitoring. Ms. Galloway also prepared close out reports and documents for the site.

- *Monsanto Former Detergent Manufacturing Facility, Carson, California* – Ms. Galloway measured groundwater levels and collected groundwater samples to monitor for hydrocarbons, predominantly benzene, which migrated through the soil to the groundwater beneath the site and migrated downgradient. Some samples were collected on the adjacent oil refinery property and Ms. Galloway received the appropriate training to access the refinery.

- *Former Paint Facility, City of Commerce, California* – Ms. Galloway was responsible for coordinating the field activities associated with collecting soil vapor and LNAPL samples for a former paint facility. A soil vapor extraction system was operated on the site and sampling was performed to develop a conceptual site model to assess the effectiveness of continued remediation at the Site. Ms. Galloway was responsible for coordinating the sample collection and analysis with the laboratory and worked to draft the analytical report.

- *Oxygen Biosparge Pilot Scale Investigation, Carson, California* – Ms. Galloway collected groundwater samples using low flow sampling techniques as part of an oxygen biosparge in situ treatment system. Work was performed using supplied air in Level B personal protective equipment. She also routinely works in conjunction with a mobile laboratory to simultaneously collect and analyze soil vapor samples to monitor benzene concentrations as part of the pilot scale investigation.

- *Wetland Restoration Project, San Francisco, California* – Ms. Galloway reviewed contractor submittals, including dust control, decontamination, soil stabilization, and execution plans for compliance with the project specifications and regulatory requirements and prepared responses to requests for information for the restoration of 26.5 acres of tidal wetland habitat. The site is known to have soil containing naturally occurring asbestos, copper, lead, nickel, zinc, TPH, PAHs, pesticides, and PCBs and some metals impacting groundwater.

- *National Pollutant Discharge Elimination System Monitoring, Marina del Rey, California* – Ms. Galloway has coordinated field activities associated with water quality sampling and analysis, flow data collection and analysis, and system operation and maintenance for groundwater treatment system prior to discharge to the storm drain. Her responsibilities also included preparing quarterly and annual monitoring reports for the Regional Water Quality Control Board per requirements in the monitoring and reporting program of the NPDES permit for the project.

- *Environmental Site Assessments, Various Locations, California, Nevada, and Texas* – Ms. Galloway has conducted multiple Phase I and Phase II environmental site assessments for commercial, industrial, and residential properties. Her responsibilities included complete site history reviews, identifying recognized environmental conditions and areas of potential concern, as well as field sampling and analysis to investigate potential impacts to soil and groundwater quality. Work was performed in general conformance with the ASTM environmental assessment standard and the U.S. EPA *All Appropriate Inquiry* guidelines.

- *Environmental Audits, Various Locations, California* – Ms. Galloway has performed environmental audits at several commercial and industrial facilities in California. Her responsibilities included conducting interviews with current tenants, inspecting site facilities to determine environmental compliance or potential issues, and completing a final audit report of findings.

- *Black Mountain Industrial Complex, Henderson, Nevada* – Ms. Galloway was a staff engineer on site for the remediation of Tronox's industrial facility in Henderson, Nevada in which approximately 800,000 cubic yards of impacted soil were removed. Her responsibilities included providing technical oversight of excavation, construction, and groundwater pumping well installation activities; collecting groundwater samples; obtaining soil and air samples; monitoring dust levels; and conducting weekly site inspections for SWPPP compliance.

- *Former Dry Cleaning Facility, Santa Rosa, California* – Ms. Galloway performed low flow groundwater sampling for quarterly reporting for a site containing both a dry cleaner and a residential apartment building to monitor impacts to the groundwater. The site is known to have existing soil and groundwater impacts from historic use and storage of petroleum products and other hazardous substances on surrounding sites.
- *Sulphur Bank Mercury Mine Superfund Site, Clearlake Oaks, California* – Ms. Galloway was a staff engineer for a site analysis of Sulphur Bank Mercury Mine, a site impacted by metals in the soil as a result of historic mining operations for mercury. Responsibilities included reviewing previous reports; comparing risk based site screening levels; conducting a technical review of past field investigations and data to provide an assessment of background levels of mercury, arsenic, and antimony at the site; and determining the estimated extent of metal-impacted soil as well as the range of appropriate site screening and background levels.
- *Port of Oakland Embarcadero Cove, Oakland, California* – Ms. Galloway was a staff engineer on site to oversee the abandonment of existing groundwater monitoring wells and the installation and development of new groundwater monitoring wells. Her responsibilities also included annual groundwater sampling at the site that is known to have been impacted by VOCs, SVOCs, organochlorine pesticides, PCBs, dioxins, and furans from facilities that previously occupied the site that were known to have handled and stored solvents, refined petroleum products, wood, preservatives, pesticides, and herbicides. She also assisted the preparation of the annual report and five year review for the site.
- *King's Court Shopping Center, Los Gatos, California* – Ms. Galloway collected groundwater samples for the semi-annual monitoring report, in compliance with a monitoring plan outlined by the California Regional Water Quality Control Board.

EDUCATION

B.S., Civil and Environmental Engineering, University of California, Los Angeles, 2009

PROFESSIONAL HISTORY

Northgate Environmental Management, Inc., Staff Engineer, August 2010 to date

Incledon Consulting Group, Civil Engineer, July 2009 to July 2010
Incledon Kirk Engineers, Engineering Intern, June to September 2007 and June to September 2008

REGISTRATIONS / CERTIFICATIONS

Engineer in Training: California, No. 132513
OSHA 40-hour HAZWOPER

northgate
environmental management, inc.

HOPE MAXWELL

STAFF SCIENTIST

Having recently completed a Master degree focusing on environmental sustainability, Ms. Maxwell has 12 years of experience in environmental consulting services and teaching. Ms. Maxwell has worked extensively in Virginia, West Virginia, Maryland, Pennsylvania, Delaware, New York and New Jersey. She manages the portfolio for large project scopes, conducts soil, water, asbestos, air and radon testing for due diligence requirements, performs historical reconnaissance, prepares Phase I and NEPA environmental assessments, United States Fish and Wildlife Service (USFWS) reports, and State Historical Preservation Office (SHPO) packages for various sites and projects. She has worked on complex remediation projects, including contaminated gas stations, abandoned manufacturing plants, and industrial buildings. As an environmental science instructor, Ms. Maxwell designed and taught environmental science and environmental ethics courses, developed and managed research experiments, and ensured coursework was relevant to real life scenarios. Additionally, Ms. Maxwell is adept at managing junior staff, reviewing and QA/QC deliverables.

REPRESENTATIVE EXPERIENCE

- *Grocery Store Portfolio, Maryland, Delaware, and Virginia* – Ms. Maxwell served as the interim Project Manager for 15 grocery store locations throughout Maryland, Delaware and Virginia which were contaminated with volatile organic compounds (VOCs), tetrachloroethylene (PCE) and heavy metals from current and historic operations. Ms. Maxwell coordinated with local and state regulatory agencies to investigate cost-effective for effectively mitigating contamination to achieve regulatory case closure.

- *Gas Station Portfolio, Maryland and Virginia* – Ms. Maxwell served as the Project Manager for 10 gas stations in central Maryland and northern Virginia contaminated with VOCs and petroleum constituents. Ground penetrating radar (GPR) identified unknown USTs that had been improperly abandoned and/or installed in several of the properties. Ms. Maxwell worked with the Maryland Department of the Environment (MDE) and the Virginia Department of Environmental Quality (VDEQ) to coordinate the removal of these suspect USTs as well as efforts to mitigate contamination underlying the properties. Additionally, Ms. Maxwell assisted the Client with entering the Virginia Voluntary Cleanup Program (VCP) for the most contaminated property included in the portfolio. Three areas of concerns were the focus of remediation efforts and ultimately, a Certificate of Completion (COC) was granted for the property.

- *Multi-Client Telecommunications Portfolio, Mid-Atlantic and Northeast* – Ms. Maxwell served as the Project Manager for a large telecommunications portfolio throughout the Mid-Atlantic and Northeast. Ms. Maxwell coordinated Phase I Environmental Site Assessments (ESAs) and Phase II Environmental Site Assessments (when recommended) for over 100 telecom sites. In addition, Ms. Maxwell authored accompanying documentation required for telecommunication sites including National Environmental Policy Act (NEPA), Section 106 – Historic Resource Map, State Historic Preservation Office (SHPO), U.S. Fish and Wildlife Service (FWS) reports.

- *Multi-Client Telecommunications Portfolio, Mid-Atlantic and Northeast* – Ms. Maxwell served as the Project Manager for a large telecommunications portfolio throughout the Mid-Atlantic and Northeast. Ms. Maxwell coordinated Phase I Environmental Site Assessments (ESAs) and Phase II Environmental Site Assessments (when recommended) for over 100 telecom sites. In addition, Ms. Maxwell authored accompanying documentation required for telecommunication sites including National Environmental Policy Act (NEPA), Section 106 – Historic Resource Map, State Historic Preservation Office (SHPO), U.S. Fish and Wildlife Service (FWS) reports.

- *Live Poultry Farm & Processing Plant, Berlin, Maryland* – Ms. Maxwell served as the project scientist for an active poultry farm and processing plant located on the eastern shore of Maryland. Soil and groundwater contamination from VOCs and petroleum were identified throughout the property. Additionally, improper disposal of animal by-product waste had also degraded soil and created a threat to human health. Ms. Maxwell worked with the Client to draft a Health and Safety Plan as well as mitigation efforts to reduce toxicity in the soil and groundwater.
- *Multiple Environmental Due Diligence Projects, Annapolis, Maryland – Ms.* Maxwell served as a staff environmental scientist on a series of due diligence and environmental site assessment projects. She conducted historical reconnaissance to uncover existing environmental concerns or development restrictions, Phase I Environmental Site Assessments for real estate portfolios and acquisitions, and coordinated with the principal-in-Charge and the client to develop task schedules.
- *Multiple Environmental Remediation Projects, Annapolis, Maryland*— Ms. Maxwell served as a staff environmental scientist on a series of site characterization and remediation projects. She assisted in the remediation of project sites with extreme contamination including gas stations, abandoned manufacturing plants, and industrial buildings.
- *Multiple Environmental Due Diligence Projects, Winchester, Virginia*— Ms. Maxwell served as a staff environmental professional on a series of government, commercial and other real estate due diligence and environmental consulting projects throughout Virginia, West Virginia, Maryland, Pennsylvania, Delaware, New York and New Jersey. She drafted proposals and conducted Phase I ESAs, National Environmental Policy Act (NEPA) compliance reports, United States Fish and Wildlife Service (USFWS) reports, and State Historical Preservation Office (SHPO) packages. She managed the portfolio for Freddie Mac and Fannie Mae scopes and drafted and reviewed other junior level associates' Freddie/Fannie Phase I ESAs. Additionally, she conducted soil, water, asbestos, air and radon testing as required by due diligence and coordinated with state agencies to ensure interagency compliance.
- *Introduction to Environmental Science Course Instructor, Tampa, Florida*— Ms. Maxwell designed and taught Introduction to Environmental Science for first-year Biology majors and designed and taught Environmental Ethics for third and fourth-year Biology majors. She worked with a diverse student body to facilitate real-world solutions within the community, emphasizing the implications and role of environmental science in a growing world. She provided challenging and intensive coursework with relevancy to real life scenarios, promoted the utilization of available historic and present resources as a tool to track geological and environmental change, cultivated an environment of friendly, informed debate on the morality of environmental and ecological concerns and implemented long-term classroom experiments regarding anthropogenic impacts on the campus and in the neighboring town.

EDUCATION

M.S., Environmental Policy – Environmental Sustainability, American Public University, Charles Town, West Virginia, 2012

B.S., Geosciences, Towson University, Towson, Maryland, 2009

PROFESSIONAL HISTORY

Northgate Environmental Management, Inc., Project Scientist, 2015 - Present

Ctgroup Environmental Health & Safety, Environmental Scientist, 2013-2014
Hillsborough Community College, Environmental Science Instructor, 2012-2014
1st Environmental, LLC, Environmental Professional, 2013

CERTIFICATIONS

OSHA 40-Hour HAZWOPER

APPENDIX F

Noise Calculations

Noise Appendix

Acoustical Definitions

Term	Definition
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
A-Weighted Sound Level (dBA)	The sound pressure level in decibels as measured on a sound level meter using the A-weighted filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear.
Community Equivalent Level (CNEL)	CNEL is the A-weighted equivalent continuous Sound sound pressure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during the nighttime hours (10 p.m. to 7 a.m.) and 5 dB added to the sound during the evening hours (7 p.m. to 10 p.m.).
Day Night Level (DNL)	Similar to the CNEL, the DNL is the A-weighted equivalent continuous sound pressure level averaged over a 24-hour period. The only difference between the DNL and the CNEL is that the evening penalty of 5 dB (between 7 p.m. and 10 p.m.) is not included in this level.
Decibel (dB)	A unit for measuring sound pressure level, equal to 10 times the logarithm to the base 10 of the ratio of the measured sound pressure squared to a reference pressure, which is 20 micropascals.
L_{eq}	Energy equivalent level, which is the equivalent steady-state sound level that, in a stated period of time, contains the same acoustical energy as a time-varying sound during the same time period. An L_{eq} level is computed by summing the noise energy over the stated time period using mathematical integration.
Statistical Sound Level ($L_{##}$)	A sound level metric describing the level exceeded for the percent of the time. For example, the L_{90} would be the sound level exceeded for 90% of the measurement time.

Field Noise Measurement Data Sheets

DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT SM 20TH ST. WELLNESS CENTER PROJECT # 10179
SITE ID
SITE ADDRESS 1925 ARIZONA AVE. OBSERVER(S) PETE VITAR
START DATE 5/16/18 END DATE 5/16/18
START TIME 10:30 AM END TIME 2:00 PM

METEOROLOGICAL CONDITIONS

TEMP 65 F HUMIDITY 57 % R.H. WIND (CALM) LIGHT MODERATE
WINDSPD ____ MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT PICCOLO SLM-P3 TYPE 1 (2) SERIAL # 130927046
CALIBRATOR BSWA CA 114 SERIAL # 480151
CALIBRATION CHECK PRE-TEST ____ dBA SPL POST-TEST ____ dBA SPL WINDSCRN YES

SETTINGS A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER: ____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
9-10(ST1)	10:46	11:01	70.5	83.2	56.1				

COMMENTS
READING TAKEN IN FRONT OF PROJECT SITE (20TH ST. SIDE). PRIMARY NOISE SOURCE TRAFFIC ON 20TH ST; SECONDARY - TRAFFIC ON ARIZONA AVE

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER: ____
ROADWAY TYPE: ASPHALT DIST. TO RDWY C/L OR (EOP): 17'
TRAFFIC COUNT DURATION: ~~MIN~~ MIN SPEED ____ MIN SPEED

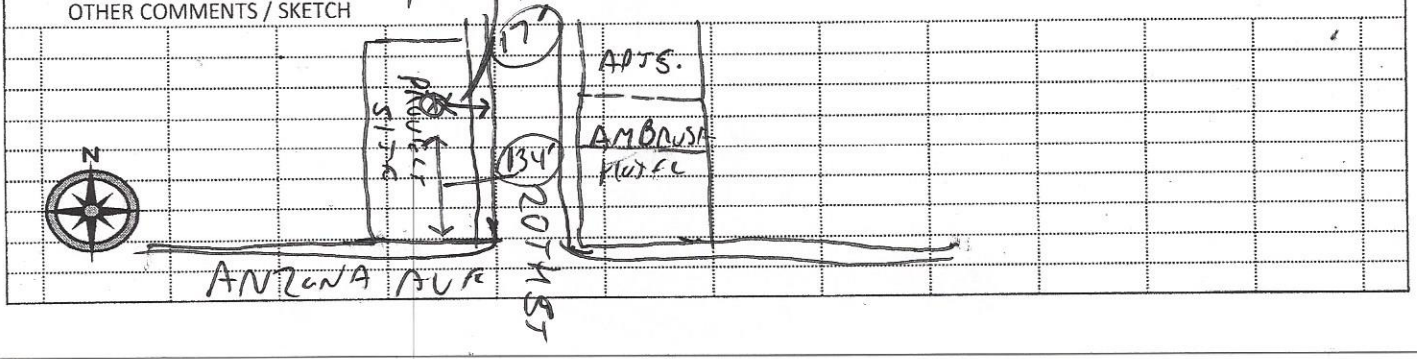
COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB	SB/WB	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE	COUNT 2 (OR RDWY 2) NB/EB	SB/WB	NB/EB	SB/WB
AUTOS	274								
MED TRKS	5								
HVY TRKS	3								
BUSES	1								
MOTRCLS	0				✓				

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: 30 MPH

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS (BIRDS) DIST. INDUSTRIAL (DIST. KIDS PLAYING) DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER: ____

DESCRIPTION / SKETCH

TERRAIN (HARD) SOFT MIXED FLAT OTHER: ____
PHOTOS 1334; 1335; 1336; 1337; 1338
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: SM 20TH ST. WELLNESS CENTER — PROJECT #: 10179
SITE ID:
SITE ADDRESS: 1925 ARIZONA AVE. — OBSERVER(S): PETE WITAK
START DATE: 5/16/18 — END DATE: 5/16/18
START TIME: 10:30 AM — END TIME: 2:00 PM

METEOROLOGICAL CONDITIONS

TEMP: 65 F — HUMIDITY: 57 % R.H. — WIND: (CALM) LIGHT MODERATE
WINDSPD: MPH — DIR. N NE E SE S SW W NW — VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT: PICCOLO SCM-P3 — TYPE 1 (2) — SERIAL # 130927046
CALIBRATOR: BSWA CA 114 — SERIAL # 480151
CALIBRATION CHECK — PRE-TEST: dBA SPL — POST-TEST: dBA SPL — WINDSCRN: YES

SETTINGS: A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
11-12 (ST 2)	11:21	11:36	67.0	76.1	55.1				

COMMENTS

READING TAKEN ON 20TH ST., IN FRONT OF 1279 20TH (APARTMENT BLDG). PRIMARY NOISE SOURCE - TRAFFIC ON 20TH ST; SECONDARY - TRAFFIC ON ARIZONA AVE.

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR (EOP): 13'

TRAFFIC COUNT DURATION: ___ MIN — SPEED

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS	228			
MED TRKS	2			
HVY TRKS	1			
BUSES	1			
MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ✓

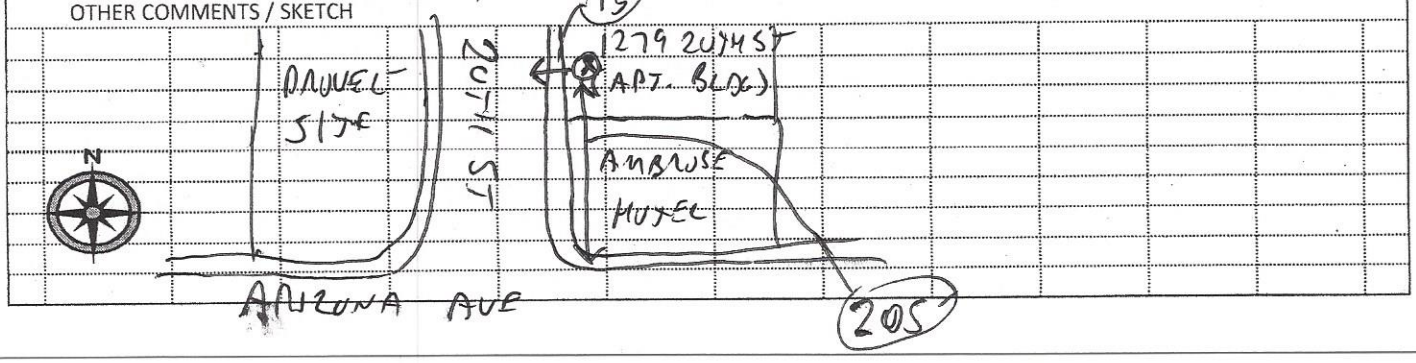
COUNT 2 (OR RDWY 2)	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
___ MIN				

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: 30 MPH

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS (BIRDS) DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH

TERRAIN: (HARD) SOFT MIXED FLAT OTHER:
PHOTOS: 1330; 1331; 1332; (1334) 1333
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT SM 20TH ST. WELLNESS CENTER — PROJECT # 10179
SITE ID
SITE ADDRESS 1925 ARIZONA AVE. — OBSERVER(S) PETE VITAN
START DATE 5/16/18 — END DATE 5/16/18
START TIME 10:30 AM — END TIME 2:00 PM

METEOROLOGICAL CONDITIONS

TEMP 65 F — HUMIDITY 57 % R.H. — WIND (CALM) LIGHT MODERATE
WINDSPD ____ MPH — DIR. N NE S SE S SW W NW — VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) — OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT PICCOLO SLM-P3 — TYPE 1 (2) — SERIAL # 130927046
CALIBRATOR BSWA CA 114 — SERIAL # 480151
CALIBRATION CHECK — PRE-TEST ____ dBA SPL — POST-TEST ____ dBA SPL — WINDSCRN YES

SETTINGS — A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER: ____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
13-14 (ST3)	11:44	11:59	60.4	74.4	53.4				

COMMENTS
READING TAKEN IN ALLEY, BEHIND 1239 19TH ST (APARTMENT BLDG); LIGHT TRAFFIC IN ALLEY

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER: ____
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR EOP: ____

TRAFFIC COUNT DURATION: ___ MIN — SPEED ___ MIN — SPEED

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB	SB/WB	COUNT 2 (OR RDWY 2)	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS	12								
MED TRKS	2								
HVY TRKS	0								
BUSES	0								
MOTRCLS	0								

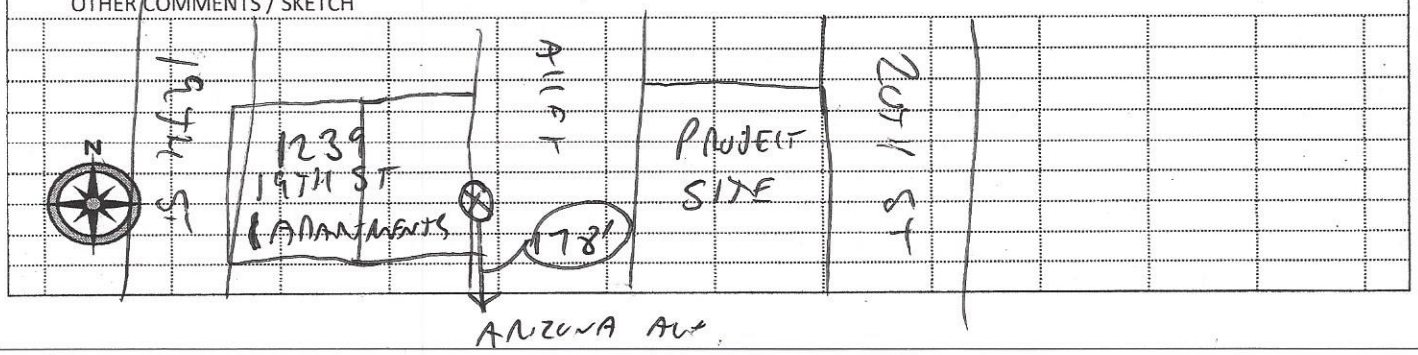
IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: N/A

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING (DIST. TRAFFIC (LIST RDWYS BELOW)) DISTD GARDENERS/LANDSCAPING NOISE
OTHER: TRAFFIC FROM 20TH ST & ARIZONA AVE

DESCRIPTION / ~~SKETCH~~

TERRAIN (HARD) SOFT MIXED FLAT OTHER: ____
PHOTOS 1339; 1340; 1341; 1342
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT SM 20TH ST. WELLNESS CENTER PROJECT # 10179
SITE ID
SITE ADDRESS 1925 ARIZONA AVE OBSERVER(S) PETE VIJAR
START DATE 5/16/18 END DATE 5/16/18
START TIME 10:38 AM END TIME 2:08 PM

METEOROLOGICAL CONDITIONS

TEMP 65 F HUMIDITY 57 % R.H. WIND (CALM) LIGHT MODERATE
WINDSPD ____ MPH DIR. N NE S SE S SW W NW VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT PICCOLO SLM-P3 TYPE 1 (2) SERIAL # 130927046
CALIBRATOR B&WA CA 114 SERIAL # 480151
CALIBRATION CHECK PRE-TEST ____ dBA SPL POST-TEST ____ dBA SPL WINDSCRN YES

SETTINGS A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER: ____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
17-18 (ST4)	13:31	13:46	70.2	89.0	55.8				

COMMENTS
READING TAKEN ON CAMPUS OF LIGHTHOUSE CHURCH SCHOOL, NEXT TO CLASSROOM BUILDING. PRIMARY NOISE SOURCE TRAFFIC ON 20TH ST FOR FIRST 10 MINUTES OF READING; FOR LAST 5 MINUTES CHILDREN PLAYING NEAR METER

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER: ____
ROADWAY TYPE: ASPHALT DIST. TO RDWY C/L OR EOP: 75' TO 20TH ST

TRAFFIC COUNT DURATION: ____ MIN

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS				
MED TRKS				
HVY TRKS				
BUSES				
MOTRCLS				

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ____

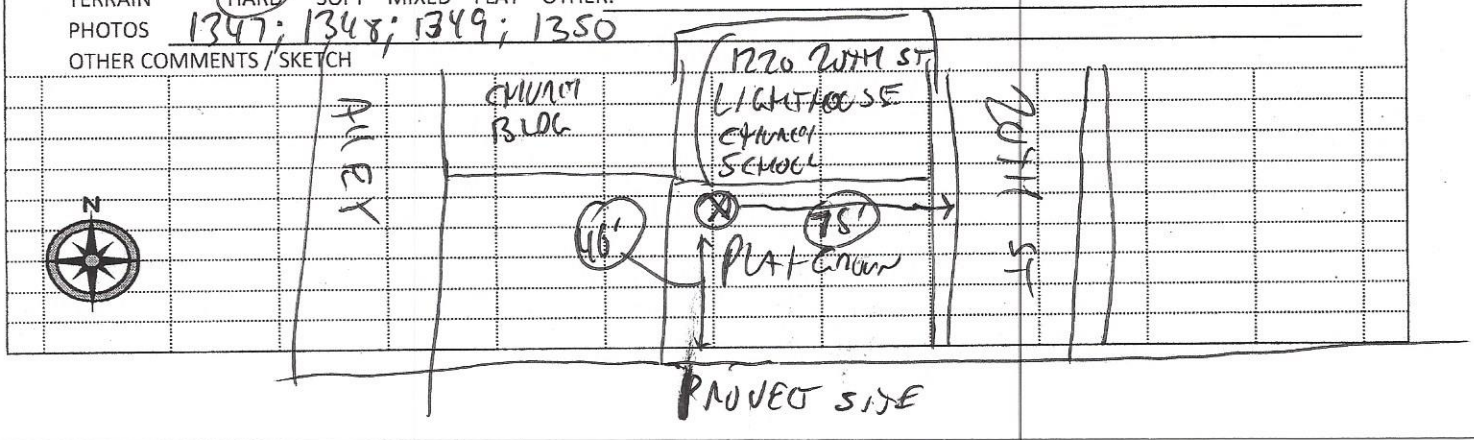
COUNT 2 (OR RDWY 2)	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER: FOR LAST 5 MINUTES OF READING PRIMARY NOISE SOURCE WAS CHILDREN PLAYING NEAR METER

DESCRIPTION / SKETCH

TERRAIN (HARD) SOFT MIXED FLAT OTHER: ____
PHOTOS 1347; 1348; 1349; 1350
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: SM 20TH ST. WELLNESS CENTER | PROJECT #: 10179
SITE ID:
SITE ADDRESS: 1925 ARIZONA AVE. | OBSERVER(S): PETE VITAN
START DATE: 5/16/18 | END DATE: 5/16/18
START TIME: 10:30 AM | END TIME: 2:00 PM

METEOROLOGICAL CONDITIONS

TEMP: 65 F | HUMIDITY: 57 % R.H. | WIND: (CALM) LIGHT MODERATE
WINDSPD: ____ MPH | DIR. N NE S SE S SW W NW | VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT: PICCOLO SLM-P3 | TYPE 1 (2) | SERIAL # 130927046
CALIBRATOR: BSWA CA 114 | SERIAL # 480151
CALIBRATION CHECK: PRE-TEST ____ dBA SPL | POST-TEST ____ dBA SPL | WINDSCRN YES

SETTINGS: A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER: ____

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
15-16 (ST-5)	12:05	12:20	68.3	79.6	57.3				

COMMENTS: READING TAKEN IN FRNT OF 1922 ARIZONA AVE (APARTMENT BLDG); PRIMARY NOISE SOURCE TRAFFIC ON ARIZONA AVE & 20TH ST;

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER: ____
ROADWAY TYPE: ASPHALT | DIST. TO RDWY C/L OR (EOP): 18'

TRAFFIC COUNT DURATION: ____ MIN SPEED ____ MIN SPEED

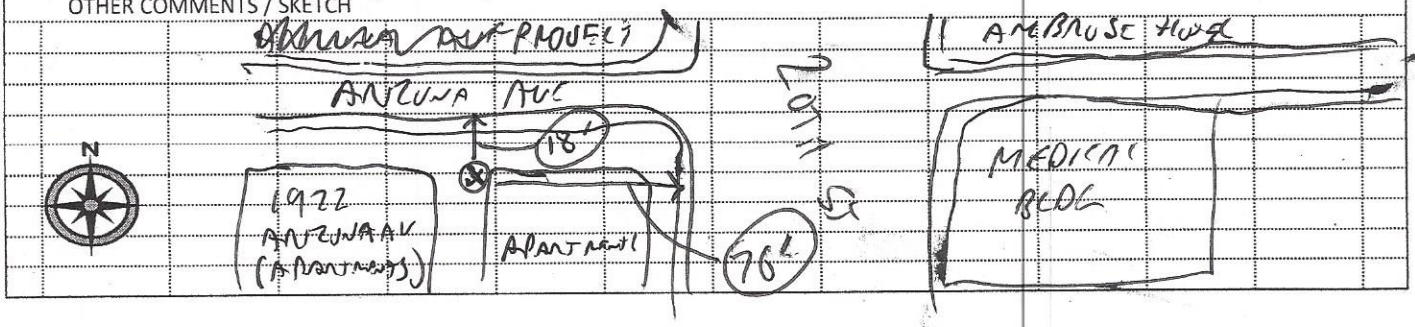
	DIRECTION	COUNT 1 (OR RDWY 1) NB/EB	SB/WB	NB/EB	SB/WB	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE	COUNT 2 (OR RDWY 2) NB/EB	SB/WB	NB/EB	SB/WB
	AUTOS	112								
	MED TRKS	2								
	HVY TRKS	0								
	BUSES	0								
	MOTRCLS	0								

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: 25 MPH

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER: ____

DESCRIPTION / SKETCH

TERRAIN: (HARD) SOFT MIXED FLAT OTHER: ____
PHOTOS: 1343; 1344; 1345; 1346
OTHER COMMENTS / SKETCH



Construction Noise Model Input / Output

Report date: 1/21/2019
Case Description: 1925 Arizona Ave_Architectural Coating

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Lighthouse Church School 10'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	10	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Compressor (air)	91.6	87.7	N/A	N/A	N/A	N/A	N/A
Total	91.6	87.7	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Lighthouse Church School 40'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	40	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Compressor (air)	79.6	75.6	N/A	N/A	N/A	N/A	N/A
Total	79.6	75.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Resi's to West	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	20	0

Results

Calculated (dBA)	Noise Limits (dBA)

Equipment		*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Compressor (air)		85.6	81.6	N/A	N/A	N/A	N/A	N/A
	Total	85.6	81.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Resi's to NW & S	Residential	87	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	75	0

Results

Equipment		Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Compressor (air)		74.1	70.2	N/A	N/A	N/A	N/A	N/A
	Total	74.1	70.2	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Providence St John's	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	375	0

Results

Equipment		Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Compressor (air)		60.2	56.2	N/A	N/A	N/A	N/A	N/A
	Total	60.2	56.2	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/21/2019
Case Description: 1925 Arizona Ave_Building Construction

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Lighthouse Church School 10'	Residential	90	60	55

		Equipment Spec	Actual	Receptor	Estimated

Description	Impact Device	Usage(%)	Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Man Lift	No	20		74.7	10	0
Crane	No	16		80.6	10	0
Generator	No	50		80.6	15	0
Welder / Torch	No	40		74	15	0
Welder / Torch	No	40		74	25	0
Welder / Torch	No	40		74	25	0
Tractor	No	40	84		25	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Man Lift	88.7	81.7	N/A	N/A	N/A	N/A	N/A
Crane	94.5	86.6	N/A	N/A	N/A	N/A	N/A
Generator	91.1	88.1	N/A	N/A	N/A	N/A	N/A
Welder / Torch	84.5	80.5	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A
Total	94.5	92.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 40'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	40	0
Crane	No	16		80.6	40	0
Generator	No	50		80.6	50	0
Welder / Torch	No	40		74	45	0
Welder / Torch	No	40		74	55	0
Welder / Torch	No	40		74	60	0
Tractor	No	40	84		50	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Man Lift	76.6	69.6	N/A	N/A	N/A	N/A	N/A
Crane	82.5	74.5	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A
Welder / Torch	74.9	70.9	N/A	N/A	N/A	N/A	N/A
Welder / Torch	73.2	69.2	N/A	N/A	N/A	N/A	N/A
Welder / Torch	72.4	68.4	N/A	N/A	N/A	N/A	N/A
Tractor	84	80	N/A	N/A	N/A	N/A	N/A
Total	84	83.5	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Resi's to West	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	20	0
Crane	No	16		80.6	25	0
Generator	No	50		80.6	25	0
Welder / Torch	No	40		74	20	0
Welder / Torch	No	40		74	30	0
Welder / Torch	No	40		74	35	0
Tractor	No	40	84		45	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Man Lift	82.7	75.7	N/A	N/A	N/A	N/A	N/A
Crane	86.6	78.6	N/A	N/A	N/A	N/A	N/A
Generator	86.7	83.6	N/A	N/A	N/A	N/A	N/A
Welder / Torch	82	78	N/A	N/A	N/A	N/A	N/A
Welder / Torch	78.4	74.5	N/A	N/A	N/A	N/A	N/A
Welder / Torch	77.1	73.1	N/A	N/A	N/A	N/A	N/A
Tractor	84.9	80.9	N/A	N/A	N/A	N/A	N/A
Total	86.7	87.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Resi's to NW & S	Residential	87	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	75	0
Crane	No	16		80.6	80	0
Generator	No	50		80.6	80	0
Welder / Torch	No	40		74	75	0
Welder / Torch	No	40		74	85	0
Welder / Torch	No	40		74	95	0
Tractor	No	40	84		80	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Man Lift	71.2	64.2	N/A	N/A	N/A	N/A	N/A
Crane	76.5	68.5	N/A	N/A	N/A	N/A	N/A
Generator	76.5	73.5	N/A	N/A	N/A	N/A	N/A
Welder / Torch	70.5	66.5	N/A	N/A	N/A	N/A	N/A
Welder / Torch	69.4	65.4	N/A	N/A	N/A	N/A	N/A
Welder / Torch	68.4	64.4	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A
Total	79.9	79.2	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Providence St John's	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	375	0
Crane	No	16		80.6	385	0
Generator	No	50		80.6	380	0
Welder / Torch	No	40		74	385	0
Welder / Torch	No	40		74	395	0
Welder / Torch	No	40		74	395	0
Tractor	No	40	84		375	0

		Results						
		Calculated (dBA)		Noise Limits (dBA)				
				Day		Evening		Night
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Man Lift		57.2	50.2	N/A	N/A	N/A	N/A	N/A
Crane		62.8	54.9	N/A	N/A	N/A	N/A	N/A
Generator		63	60	N/A	N/A	N/A	N/A	N/A
Welder / Torch		56.3	52.3	N/A	N/A	N/A	N/A	N/A
Welder / Torch		56	52.1	N/A	N/A	N/A	N/A	N/A
Welder / Torch		56	52.1	N/A	N/A	N/A	N/A	N/A
Tractor		66.5	62.5	N/A	N/A	N/A	N/A	N/A
	Total	66.5	65.7	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/21/2019
Case Description: 1925 Arizona Ave_Demolition

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 10'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	10	0
Dozer	No	40		81.7	15	0
Tractor	No	40	84		15	0

		Results						
		Calculated (dBA)		Noise Limits (dBA)				
				Day		Evening		Night
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Saw		103.6	96.6	N/A	N/A	N/A	N/A	N/A
Dozer		92.1	88.1	N/A	N/A	N/A	N/A	N/A
Tractor		94.5	90.5	N/A	N/A	N/A	N/A	N/A
	Total	103.6	98	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 40'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	40	0
Dozer	No	40		81.7	45	0
Tractor	No	40	84		45	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Saw	91.5	84.5	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A
Tractor	84.9	80.9	N/A	N/A	N/A	N/A	N/A
Total	91.5	86.8	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Resi's to West	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	20	0
Dozer	No	40		81.7	25	0
Tractor	No	40	84		25	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Saw	97.5	90.5	N/A	N/A	N/A	N/A	N/A
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A
Total	97.5	92.5	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Resi's to NW & S	Residential	87	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	75	0
Dozer	No	40		81.7	80	0
Tractor	No	40	84		80	0

		Results						
		Calculated (dBA)		Noise Limits (dBA)				
				Day		Evening		Night
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Saw		86.1	79.1	N/A	N/A	N/A	N/A	N/A
Dozer		77.6	73.6	N/A	N/A	N/A	N/A	N/A
Tractor		79.9	75.9	N/A	N/A	N/A	N/A	N/A
	Total	86.1	81.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Providence St John's	Residential	80	60	55

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Saw	No	20		89.6	375	0
Dozer	No	40		81.7	380	0
Tractor	No	40	84		380	0

		Results						
		Calculated (dBA)		Noise Limits (dBA)				
				Day		Evening		Night
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Saw		72.1	65.1	N/A	N/A	N/A	N/A	N/A
Dozer		64.1	60.1	N/A	N/A	N/A	N/A	N/A
Tractor		66.4	62.4	N/A	N/A	N/A	N/A	N/A
	Total	72.1	67.8	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/21/2019
Case Description: 1925 Arizona Ave_Grading/Shoring

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 10'	Residential	90	60	55

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Drill Rig Truck	No	20		79.1	30	0
Grader	No	40	85		60	0
Tractor	No	40	84		90	0

		Results						
		Calculated (dBA)		Noise Limits (dBA)				

Equipment		*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Drill Rig Truck		83.6	76.6	N/A	N/A	N/A	N/A	N/A
Grader		83.4	79.4	N/A	N/A	N/A	N/A	N/A
Tractor		78.9	74.9	N/A	N/A	N/A	N/A	N/A
	Total	83.6	82.2	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 40'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	40	0
Grader	No	40	85		45	0
Tractor	No	40	84		45	0

Results

	Calculated (dBA)			Noise Limits (dBA)			
Equipment	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Drill Rig Truck	81.1	74.1	N/A	N/A	N/A	N/A	N/A
Grader	85.9	81.9	N/A	N/A	N/A	N/A	N/A
Tractor	84.9	80.9	N/A	N/A	N/A	N/A	N/A
Total	85.9	84.9	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Resi's to West	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	20	0
Grader	No	40	85		25	0
Tractor	No	40	84		25	0

Results

	Calculated (dBA)			Noise Limits (dBA)			
Equipment	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax
Drill Rig Truck	87.1	80.1	N/A	N/A	N/A	N/A	N/A
Grader	91	87	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A
Total	91	90	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Resi's to NW & S	Residential	87	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	75	0
Grader	No	40	85		80	0
Tractor	No	40	84		80	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Drill Rig Truck	75.6	68.6	N/A	N/A	N/A	N/A	N/A
Grader	80.9	76.9	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A
Total	80.9	79.8	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Providence St John's	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	375	0
Grader	No	40	85		380	0
Tractor	No	40	84		385	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Drill Rig Truck	61.6	54.6	N/A	N/A	N/A	N/A	N/A
Grader	67.4	63.4	N/A	N/A	N/A	N/A	N/A
Tractor	66.3	62.3	N/A	N/A	N/A	N/A	N/A
Total	67.4	66.2	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/21/2019
Case Description: 1925 Arizona Ave_Paving

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Lighthouse Church School 10'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)

Concrete Mixer Truck	No	40		78.8	10	0
Paver	No	50		77.2	15	0
All Other Equipment > 5 HP	No	50	85		10	0
Roller	No	20		80	15	0
Compressor (air)	No	40		77.7	20	0
Tractor	No	40	84		25	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Mixer Truck	92.8	88.8	N/A	N/A	N/A	N/A	N/A
Paver	87.7	84.7	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	99	96	N/A	N/A	N/A	N/A	N/A
Roller	90.5	83.5	N/A	N/A	N/A	N/A	N/A
Compressor (air)	85.6	81.6	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A
Total	99	97.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Lighthouse Church School 40'	Residential	90	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	40	0
Paver	No	50		77.2	45	0
All Other Equipment > 5 HP	No	50	85		40	0
Roller	No	20		80	50	0
Compressor (air)	No	40		77.7	45	0
Tractor	No	40	84		50	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Mixer Truck	80.7	76.8	N/A	N/A	N/A	N/A	N/A
Paver	78.1	75.1	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	86.9	83.9	N/A	N/A	N/A	N/A	N/A
Roller	80	73	N/A	N/A	N/A	N/A	N/A
Compressor (air)	78.6	74.6	N/A	N/A	N/A	N/A	N/A
Tractor	84	80	N/A	N/A	N/A	N/A	N/A
Total	86.9	86.8	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Resi's to West	Residential	80	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	20	0

Paver	No	50		77.2	25	0
All Other Equipment > 5 HP	No	50	85		25	0
Roller	No	20		80	30	0
Compressor (air)	No	40		77.7	30	0
Tractor	No	40	84		25	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Mixer Truck	86.8	82.8	N/A	N/A	N/A	N/A	N/A
Paver	83.2	80.2	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	91	88	N/A	N/A	N/A	N/A	N/A
Roller	84.4	77.4	N/A	N/A	N/A	N/A	N/A
Compressor (air)	82.1	78.1	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A
Total	91	91.6	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Resi's to NW & S	Residential	87	60	55

Equipment

			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Mixer Truck	No	40		78.8	75	0
Paver	No	50		77.2	80	0
All Other Equipment > 5 HP	No	50	85		80	0
Roller	No	20		80	75	0
Compressor (air)	No	40		77.7	85	0
Tractor	No	40	84		80	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Mixer Truck	75.3	71.3	N/A	N/A	N/A	N/A	N/A
Paver	73.1	70.1	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	80.9	77.9	N/A	N/A	N/A	N/A	N/A
Roller	76.5	69.5	N/A	N/A	N/A	N/A	N/A
Compressor (air)	73.1	69.1	N/A	N/A	N/A	N/A	N/A
Tractor	79.9	75.9	N/A	N/A	N/A	N/A	N/A
Total	80.9	81.5	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Providence St John's	Residential	80	60	55

Equipment

			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Concrete Mixer Truck	No	40		78.8	375	0
Paver	No	50		77.2	380	0

All Other Equipment > 5 HP	No	50	85		380	0
Roller	No	20		80	375	0
Compressor (air)	No	40		77.7	390	0
Tractor	No	40	84		385	0

Results

	Calculated (dBA)		Noise Limits (dBA)				
			Day		Evening		Night
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Concrete Mixer Truck	61.3	57.3	N/A	N/A	N/A	N/A	N/A
Paver	59.6	56.6	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	67.4	64.4	N/A	N/A	N/A	N/A	N/A
Roller	62.5	55.5	N/A	N/A	N/A	N/A	N/A
Compressor (air)	59.8	55.8	N/A	N/A	N/A	N/A	N/A
Tractor	66.3	62.3	N/A	N/A	N/A	N/A	N/A
Total	67.4	67.9	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Traffic Noise Model Input / Output

Dudek 4 December 2018
MG TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Existing

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Arizona Avenue - west of 17th St	40.0	point1	1	1,535.6	1,090.8	160.00				Average	
		point3	3	1,605.2	1,162.4	160.00					
Wilshire Blvd - west of 17th St	60.0	point26	26	952.2	1,492.3	160.00				Average	
		point8	8	1,124.4	1,659.6	160.00					
Alleyway - south of Arizona Avenue	15.0	point28	28	1,942.5	1,096.2	160.00				Average	
		point16	16	1,742.8	1,302.8	160.00					
20th St - south of Arizona Ave	45.0	point30	30	2,190.2	1,112.2	160.00				Average	
		point19	19	1,887.1	1,438.7	160.00					
21st Street - Arizona to Wilshire	45.0	point32	32	2,140.2	1,711.0	160.00				Average	
		point23	23	1,685.4	2,197.0	160.00					
22nd St - Arizona to Wilshire	45.0	point34	34	2,383.2	1,948.8	160.00				Average	
		point2	2	1,939.2	2,423.3	160.00					
17th Street - south of Arizona Ave	45.0	point36	36	1,739.7	1,026.8	160.00				Average	
		point12	12	1,608.8	1,159.0	160.00					
17th Street - north of Wilshire Blvd	45.0	point37	37	1,124.7	1,660.7	160.00				Average	
		point14	14	880.9	1,901.8	160.00					
Wilshire Blvd - 17th St to 20th St	60.0	point38	38	1,124.4	1,659.6	160.00				Average	
		point9	9	1,410.8	1,946.0	160.00					
17th Street - Arizona to Wilshire	45.0	point39	39	1,598.2	1,168.3	160.00				Average	
		point13	13	1,125.5	1,659.9	160.00					
Alleyway - Wilshire Blvd to Arizona Ave	15.0	point40	40	1,741.1	1,305.0	160.00				Average	
		point17	17	1,271.3	1,792.7	160.00					
20th Street - Arizona to Wilshire	45.0	point41	41	1,881.8	1,444.3	160.00				Average	
		point20	20	1,407.1	1,941.2	160.00					
20th Street - north of Wilshire Blvd	45.0	point42	42	1,405.5	1,942.9	160.00				Average	

		point21	21	1,202.9	2,161.6	160.00					
Wilshire Blvd - east of 20th St	60.0	point43	43	1,410.8	1,946.0	160.00				Average	
		point10	10	2,091.3	2,584.8	160.00					
Arizona Avenue - east of 20th St	40.0	point44	44	1,883.4	1,442.1	160.00				Average	
		point6	6	2,616.4	2,168.1	160.00					
Arizona Avenue - 17th St to 20	40.0	point46	46	1,605.2	1,162.4	160.00				Average	
		point45	45	1,744.3	1,305.0	160.00				Average	
		point5	5	1,883.4	1,442.1	160.00					

Dudek **4 December 2018**
MG **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **10179**
RUN: **20th St Wellness Center Existing**

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Arizona Avenue - west of 17th St	point1	1	534	25	11	25	6	25	0	0	0	0
	point3	3										
Wilshire Blvd - west of 17th St	point26	26	2021	30	42	30	21	30	0	0	0	0
	point8	8										
Alleyway - south of Arizona Avenue	point28	28	48	15	8	15	0	0	0	0	0	0
	point16	16										
20th St - south of Arizona Ave	point30	30	1354	30	28	30	14	30	0	0	0	0
	point19	19										
21st Street - Arizona to Wilshire	point32	32	0	0	0	0	0	0	0	0	0	0
	point23	23										
22nd St - Arizona to Wilshire	point34	34	0	0	0	0	0	0	0	0	0	0
	point2	2										
17th Street - south of Arizona Ave	point36	36	886	25	18	25	9	25	0	0	0	0
	point12	12										
17th Street - north of Wilshire Blvd	point37	37	588	25	12	25	6	25	0	0	0	0
	point14	14										
Wilshire Blvd - 17th St to 20th St	point38	38	2052	30	42	30	21	30	0	0	0	0
	point9	9										
17th Street - Arizona to Wilshire	point39	39	731	25	15	25	8	25	0	0	0	0
	point13	13										
Alleyway - Wilshire Blvd to Arizona Ave	point40	40	38	25	1	25	0	0	0	0	0	0
	point17	17										
20th Street - Arizona to Wilshire	point41	41	1097	30	23	30	11	30	0	0	0	0

	point20	20										
20th Street - north of Wilshire Blvd	point42	42	796	30	16	30	8	30	0	0	0	0
	point21	21										
Wilshire Blvd - east of 20th St	point43	43	2163	30	45	30	22	30	0	0	0	0
	point10	10										
Arizona Avenue - east of 20th St	point44	44	652	25	13	25	7	25	0	0	0	0
	point6	6										
Arizona Avenue - 17th St to 20	point46	46	519	25	11	25	5	25	0	0	0	0
	point45	45	519	25	11	25	5	25	0	0	0	0
	point5	5										

Dudek 4 December 2018
MG TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Existing

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,772.2	1,511.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST2	2	1	1,747.9	1,626.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST3	3	1	1,632.4	1,401.4	160.00	5.00	0.00	66	10.0	8.0	Y
ST4	4	1	1,595.8	1,708.1	160.00	5.00	0.00	66	10.0	8.0	Y
ST5	5	1	1,852.2	1,383.0	160.00	5.00	0.00	66	10.0	8.0	Y
M1	10	1	1,340.5	1,374.3	160.00	5.00	0.00	66	10.0	8.0	Y
M2	12	1	965.1	1,766.0	160.00	5.00	0.00	66	10.0	8.0	Y
M3	13	1	1,670.8	1,057.9	160.00	5.00	0.00	66	10.0	8.0	Y

Dudek 4 December 2018
MG TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Existing

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier1	W	0.00	99.99	0.00				0.00	point1	1	1,599.0	1,238.4	160.00	20.00	0.00	0	0		
									point3	3	1,692.7	1,319.7	160.00	20.00	0.00	0	0		
									point4	4	1,279.4	1,749.5	160.00	20.00	0.00	0	0		
									point5	5	1,176.1	1,643.4	160.00	20.00					
Barrier2	W	0.00	99.99	0.00				0.00	point70	70	1,431.8	1,073.1	160.00	20.00	0.00	0	0		
									point45	45	1,464.9	1,106.1	160.00	20.00	0.00	0	0		
									point46	46	1,426.3	1,154.4	160.00	20.00	0.00	0	0		
									point47	47	1,467.6	1,201.2	160.00	20.00	0.00	0	0		
									point48	48	1,316.1	1,355.5	160.00	20.00	0.00	0	0		
									point49	49	1,229.3	1,272.8	160.00	20.00					
Barrier3	W	0.00	99.99	0.00				0.00	point72	72	1,452.8	1,640.4	160.00	20.00	0.00	0	0		
									point7	7	1,529.3	1,714.8	160.00	20.00	0.00	0	0		
									point8	8	1,494.3	1,750.8	160.00	20.00	0.00	0	0		
									point9	9	1,417.8	1,673.2	160.00	20.00					
Barrier4	W	0.00	99.99	0.00				0.00	point74	74	1,870.9	1,522.7	160.00	20.00	0.00	0	0		
									point15	15	1,964.4	1,608.0	160.00	20.00	0.00	0	0		
									point16	16	1,575.9	2,010.3	160.00	20.00	0.00	0	0		
									point17	17	1,540.1	1,970.3	160.00	20.00	0.00	0	0		
									point18	18	1,520.8	1,996.5	160.00	20.00	0.00	0	0		
									point19	19	1,461.5	1,929.0	160.00	20.00					
Barrier5	W	0.00	99.99	0.00				0.00	point78	78	2,435.8	1,133.3	160.00	20.00	0.00	0	0		
									point21	21	2,518.4	1,213.2	160.00	20.00	0.00	0	0		
									point22	22	2,124.4	1,648.6	160.00	20.00	0.00	0	0		
									point23	23	2,041.7	1,560.4	160.00	20.00					
Barrier6	W	0.00	99.99	0.00				0.00	point79	79	1,587.6	2,048.6	160.00	20.00	0.00	0	0		
									point37	37	1,979.9	1,619.9	160.00	20.00	0.00	0	0		
									point38	38	2,087.5	1,708.4	160.00	20.00	0.00	0	0		
									point39	39	1,684.8	2,159.7	160.00	20.00					
Barrier7	W	0.00	99.99	0.00				0.00	point81	81	1,165.5	1,541.4	160.00	20.00	0.00	0	0		
									point41	41	1,228.9	1,483.5	160.00	20.00	0.00	0	0		
									point42	42	1,113.2	1,373.3	160.00	20.00	0.00	0	0		
									point43	43	1,060.8	1,439.4	160.00	20.00					
Barrier8	W	0.00	99.99	0.00				0.00	point83	83	1,514.1	1,556.4	160.00	20.00	0.00	0	0		
									point51	51	1,534.1	1,575.4	160.00	20.00	0.00	0	0		
									point52	52	1,566.2	1,544.7	160.00	20.00	0.00	0	0		

									point53	53	1,543.8	1,523.3	160.00	20.00						
Barrier9	W	0.00	99.99	0.00				0.00	point85	85	1,734.6	1,494.7	160.00	20.00	0.00	0	0			
									point59	59	1,754.2	1,475.1	160.00	20.00	0.00	0	0			
									point60	60	1,703.6	1,422.4	160.00	20.00	0.00	0	0			
									point61	61	1,739.4	1,390.7	160.00	20.00	0.00	0	0			
									point62	62	1,709.4	1,360.7	160.00	20.00	0.00	0	0			
									point63	63	1,651.5	1,426.5	160.00	20.00	0.00	0	0			
									point64	64	1,686.3	1,458.6	160.00	20.00	0.00	0	0			
									point65	65	1,693.6	1,451.3	160.00	20.00						
Barrier10	W	0.00	99.99	0.00				0.00	point87	87	1,942.0	1,440.1	160.00	20.00	0.00	0	0			
									point25	25	2,018.5	1,518.8	160.00	20.00	0.00	0	0			
									point26	26	2,156.3	1,385.4	160.00	20.00	0.00	0	0			
									point27	27	2,064.5	1,302.3	160.00	20.00						
Barrier11	W	0.00	99.99	0.00				0.00	point91	91	1,777.6	1,287.4	160.00	20.00	0.00	0	0			
									point29	29	1,867.1	1,366.6	160.00	20.00	0.00	0	0			
									point30	30	2,042.1	1,185.5	160.00	20.00	0.00	0	0			
									point31	31	1,960.1	1,103.5	160.00	20.00						
Barrier12	W	0.00	99.99	0.00				0.00	point95	95	1,422.2	1,711.5	160.00	20.00	0.00	0	0			
									point11	11	1,485.6	1,776.0	160.00	20.00	0.00	0	0			
									point12	12	1,397.0	1,864.5	160.00	20.00	0.00	0	0			
									point13	13	1,329.2	1,797.8	160.00	20.00						
Barrier13	W	0.00	99.99	0.00				0.00	point97	97	1,658.3	1,403.5	160.00	20.00	0.00	0	0			
									point67	67	1,665.3	1,409.5	160.00	20.00	0.00	0	0			
									point68	68	1,687.3	1,384.8	160.00	20.00	0.00	0	0			
									point2	2	1,680.5	1,379.0	160.00	20.00						
Barrier14	W	0.00	99.99	0.00				0.00	point99	99	1,548.9	1,521.1	160.00	20.00	0.00	0	0			
									point55	55	1,574.4	1,545.2	160.00	20.00	0.00	0	0			
									point56	56	1,632.6	1,484.2	160.00	20.00	0.00	0	0			
									point57	57	1,606.1	1,460.5	160.00	20.00						
Barrier15	W	0.00	99.99	0.00				0.00	point89	89	1,656.3	1,165.0	160.00	20.00	0.00	0	0			
									point33	33	1,749.2	1,255.2	160.00	20.00	0.00	0	0			
									point76	76	1,897.9	1,106.4	160.00	20.00	0.00	0	0			
									point35	35	1,811.2	1,018.2	160.00	20.00						

Dudek
MG
4 December 2018
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Existing
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	65.6	66	65.6	10	----	65.6	0.0	8	-8.0
ST2	2	1	0.0	66.0	66	66.0	10	Snd Lvl	66.0	0.0	8	-8.0
ST3	3	1	0.0	54.8	66	54.8	10	----	54.8	0.0	8	-8.0
ST4	4	1	0.0	66.9	66	66.9	10	Snd Lvl	66.9	0.0	8	-8.0
ST5	5	1	0.0	65.6	66	65.6	10	----	65.6	0.0	8	-8.0
M1	10	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0
M2	12	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
M3	13	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	8	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek					**4 December 2018**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**10179**						**a State highway agency substantiates the use**				
RUN:	**20th St Wellness Center Exist w Proj**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Arizona Avenue - west of 17th St	40.0	point1	1	1,535.6	1,090.8	160.00				Average	
		point3	3	1,605.2	1,162.4	160.00					
Wilshire Blvd - west of 17th St	60.0	point26	26	952.2	1,492.3	160.00				Average	
		point8	8	1,124.4	1,659.6	160.00					
Alleyway - south of Arizona Avenue	15.0	point28	28	1,942.5	1,096.2	160.00				Average	
		point16	16	1,742.8	1,302.8	160.00					
20th St - south of Arizona Ave	45.0	point30	30	2,190.2	1,112.2	160.00				Average	
		point19	19	1,887.1	1,438.7	160.00					
21st Street - Arizona to Wilshire	45.0	point32	32	2,140.2	1,711.0	160.00				Average	
		point23	23	1,685.4	2,197.0	160.00					
22nd St - Arizona to Wilshire	45.0	point34	34	2,383.2	1,948.8	160.00				Average	
		point2	2	1,939.2	2,423.3	160.00					
17th Street - south of Arizona Ave	45.0	point36	36	1,739.7	1,026.8	160.00				Average	
		point12	12	1,608.8	1,159.0	160.00					
17th Street - north of Wilshire Blvd	45.0	point37	37	1,124.7	1,660.7	160.00				Average	
		point14	14	880.9	1,901.8	160.00					
Wilshire Blvd - 17th St to 20th St	60.0	point38	38	1,124.4	1,659.6	160.00				Average	
		point9	9	1,410.8	1,946.0	160.00					
17th Street - Arizona to Wilshire	45.0	point39	39	1,598.2	1,168.3	160.00				Average	
		point13	13	1,125.5	1,659.9	160.00					
Alleyway - Wilshire Blvd to Arizona Ave	15.0	point40	40	1,741.1	1,305.0	160.00				Average	
		point17	17	1,271.3	1,792.7	160.00					
20th Street - Arizona to Wilshire	45.0	point41	41	1,881.8	1,444.3	160.00				Average	
		point20	20	1,407.1	1,941.2	160.00					
20th Street - north of Wilshire Blvd	45.0	point42	42	1,405.5	1,942.9	160.00				Average	

		point21	21	1,202.9	2,161.6	160.00					
Wilshire Blvd - east of 20th St	60.0	point43	43	1,410.8	1,946.0	160.00				Average	
		point10	10	2,091.3	2,584.8	160.00					
Arizona Avenue - east of 20th St	40.0	point44	44	1,883.4	1,442.1	160.00				Average	
		point6	6	2,616.4	2,168.1	160.00					
Arizona Avenue - 17th St to 20	40.0	point46	46	1,605.2	1,162.4	160.00				Average	
		point45	45	1,744.3	1,305.0	160.00				Average	
		point5	5	1,883.4	1,442.1	160.00					

Dudek **4 December 2018**
MG **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **10179**
RUN: **20th St Wellness Center Exist w Proj**

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Arizona Avenue - west of 17th St	point1	1	536	25	11	25	6	25	0	0	0	0
	point3	3										
Wilshire Blvd - west of 17th St	point26	26	2025	30	42	30	21	30	0	0	0	0
	point8	8										
Alleyway - south of Arizona Avenue	point28	28	48	15	8	15	0	0	0	0	0	0
	point16	16										
20th St - south of Arizona Ave	point30	30	1413	30	29	30	15	30	0	0	0	0
	point19	19										
21st Street - Arizona to Wilshire	point32	32	0	0	0	0	0	0	0	0	0	0
	point23	23										
22nd St - Arizona to Wilshire	point34	34	0	0	0	0	0	0	0	0	0	0
	point2	2										
17th Street - south of Arizona Ave	point36	36	889	25	18	25	9	25	0	0	0	0
	point12	12										
17th Street - north of Wilshire Blvd	point37	37	588	25	12	25	6	25	0	0	0	0
	point14	14										
Wilshire Blvd - 17th St to 20th St	point38	38	2058	30	42	30	21	30	0	0	0	0
	point9	9										
17th Street - Arizona to Wilshire	point39	39	732	25	15	25	8	25	0	0	0	0
	point13	13										
Alleyway - Wilshire Blvd to Arizona Ave	point40	40	92	25	2	25	0	0	0	0	0	0
	point17	17										
20th Street - Arizona to Wilshire	point41	41	1175	30	24	30	12	30	0	0	0	0

	point20	20										
20th Street - north of Wilshire Blvd	point42	42	801	30	17	30	8	30	0	0	0	0
	point21	21										
Wilshire Blvd - east of 20th St	point43	43	2181	30	45	30	22	30	0	0	0	0
	point10	10										
Arizona Avenue - east of 20th St	point44	44	657	25	14	25	7	25	0	0	0	0
	point6	6										
Arizona Avenue - 17th St to 20	point46	46	533	25	11	25	5	25	0	0	0	0
	point45	45	533	25	11	25	5	25	0	0	0	0
	point5	5										

Dudek 4 December 2018
MG TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Exist w Proj

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,772.2	1,511.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST2	2	1	1,747.9	1,626.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST3	3	1	1,632.4	1,401.4	160.00	5.00	0.00	66	10.0	8.0	Y
ST4	4	1	1,595.8	1,708.1	160.00	5.00	0.00	66	10.0	8.0	Y
ST5	5	1	1,852.2	1,383.0	160.00	5.00	0.00	66	10.0	8.0	Y
M1	10	1	1,340.5	1,374.3	160.00	5.00	0.00	66	10.0	8.0	Y
M2	12	1	965.1	1,766.0	160.00	5.00	0.00	66	10.0	8.0	Y
M3	13	1	1,670.8	1,057.9	160.00	5.00	0.00	66	10.0	8.0	Y

Dudek 4 December 2018
MG TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Exist w Proj

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier1	W	0.00	99.99	0.00				0.00	point1	1	1,599.0	1,238.4	160.00	20.00	0.00	0	0		
									point3	3	1,692.7	1,319.7	160.00	20.00	0.00	0	0		
									point4	4	1,279.4	1,749.5	160.00	20.00	0.00	0	0		
									point5	5	1,176.1	1,643.4	160.00	20.00					
Barrier2	W	0.00	99.99	0.00				0.00	point70	70	1,431.8	1,073.1	160.00	20.00	0.00	0	0		
									point45	45	1,464.9	1,106.1	160.00	20.00	0.00	0	0		
									point46	46	1,426.3	1,154.4	160.00	20.00	0.00	0	0		
									point47	47	1,467.6	1,201.2	160.00	20.00	0.00	0	0		
									point48	48	1,316.1	1,355.5	160.00	20.00	0.00	0	0		
									point49	49	1,229.3	1,272.8	160.00	20.00					
Barrier3	W	0.00	99.99	0.00				0.00	point72	72	1,452.8	1,640.4	160.00	20.00	0.00	0	0		
									point7	7	1,529.3	1,714.8	160.00	20.00	0.00	0	0		
									point8	8	1,494.3	1,750.8	160.00	20.00	0.00	0	0		
									point9	9	1,417.8	1,673.2	160.00	20.00					
Barrier4	W	0.00	99.99	0.00				0.00	point74	74	1,870.9	1,522.7	160.00	20.00	0.00	0	0		
									point15	15	1,964.4	1,608.0	160.00	20.00	0.00	0	0		
									point16	16	1,575.9	2,010.3	160.00	20.00	0.00	0	0		
									point17	17	1,540.1	1,970.3	160.00	20.00	0.00	0	0		
									point18	18	1,520.8	1,996.5	160.00	20.00	0.00	0	0		
									point19	19	1,461.5	1,929.0	160.00	20.00					
Barrier5	W	0.00	99.99	0.00				0.00	point78	78	2,435.8	1,133.3	160.00	20.00	0.00	0	0		
									point21	21	2,518.4	1,213.2	160.00	20.00	0.00	0	0		
									point22	22	2,124.4	1,648.6	160.00	20.00	0.00	0	0		
									point23	23	2,041.7	1,560.4	160.00	20.00					
Barrier6	W	0.00	99.99	0.00				0.00	point79	79	1,587.6	2,048.6	160.00	20.00	0.00	0	0		
									point37	37	1,979.9	1,619.9	160.00	20.00	0.00	0	0		
									point38	38	2,087.5	1,708.4	160.00	20.00	0.00	0	0		
									point39	39	1,684.8	2,159.7	160.00	20.00					
Barrier7	W	0.00	99.99	0.00				0.00	point81	81	1,165.5	1,541.4	160.00	20.00	0.00	0	0		
									point41	41	1,228.9	1,483.5	160.00	20.00	0.00	0	0		
									point42	42	1,113.2	1,373.3	160.00	20.00	0.00	0	0		
									point43	43	1,060.8	1,439.4	160.00	20.00					
Barrier8	W	0.00	99.99	0.00				0.00	point83	83	1,514.1	1,556.4	160.00	20.00	0.00	0	0		
									point51	51	1,534.1	1,575.4	160.00	20.00	0.00	0	0		
									point52	52	1,566.2	1,544.7	160.00	20.00	0.00	0	0		

									point53	53	1,543.8	1,523.3	160.00	20.00						
Barrier9	W	0.00	99.99	0.00				0.00	point85	85	1,734.6	1,494.7	160.00	20.00	0.00	0	0			
									point59	59	1,754.2	1,475.1	160.00	20.00	0.00	0	0			
									point60	60	1,703.6	1,422.4	160.00	20.00	0.00	0	0			
									point61	61	1,739.4	1,390.7	160.00	20.00	0.00	0	0			
									point62	62	1,709.4	1,360.7	160.00	20.00	0.00	0	0			
									point63	63	1,651.5	1,426.5	160.00	20.00	0.00	0	0			
									point64	64	1,686.3	1,458.6	160.00	20.00	0.00	0	0			
									point65	65	1,693.6	1,451.3	160.00	20.00						
Barrier10	W	0.00	99.99	0.00				0.00	point87	87	1,942.0	1,440.1	160.00	20.00	0.00	0	0			
									point25	25	2,018.5	1,518.8	160.00	20.00	0.00	0	0			
									point26	26	2,156.3	1,385.4	160.00	20.00	0.00	0	0			
									point27	27	2,064.5	1,302.3	160.00	20.00						
Barrier11	W	0.00	99.99	0.00				0.00	point91	91	1,777.6	1,287.4	160.00	20.00	0.00	0	0			
									point29	29	1,867.1	1,366.6	160.00	20.00	0.00	0	0			
									point30	30	2,042.1	1,185.5	160.00	20.00	0.00	0	0			
									point31	31	1,960.1	1,103.5	160.00	20.00						
Barrier12	W	0.00	99.99	0.00				0.00	point95	95	1,422.2	1,711.5	160.00	20.00	0.00	0	0			
									point11	11	1,485.6	1,776.0	160.00	20.00	0.00	0	0			
									point12	12	1,397.0	1,864.5	160.00	20.00	0.00	0	0			
									point13	13	1,329.2	1,797.8	160.00	20.00						
Barrier13	W	0.00	99.99	0.00				0.00	point97	97	1,658.3	1,403.5	160.00	20.00	0.00	0	0			
									point67	67	1,665.3	1,409.5	160.00	20.00	0.00	0	0			
									point68	68	1,687.3	1,384.8	160.00	20.00	0.00	0	0			
									point2	2	1,680.5	1,379.0	160.00	20.00						
Barrier14	W	0.00	99.99	0.00				0.00	point99	99	1,548.9	1,521.1	160.00	20.00	0.00	0	0			
									point55	55	1,574.4	1,545.2	160.00	20.00	0.00	0	0			
									point56	56	1,632.6	1,484.2	160.00	20.00	0.00	0	0			
									point57	57	1,606.1	1,460.5	160.00	20.00						
Barrier15	W	0.00	99.99	0.00				0.00	point89	89	1,656.3	1,165.0	160.00	20.00	0.00	0	0			
									point33	33	1,749.2	1,255.2	160.00	20.00	0.00	0	0			
									point76	76	1,897.9	1,106.4	160.00	20.00	0.00	0	0			
									point35	35	1,811.2	1,018.2	160.00	20.00						

Dudek
MG
4 December 2018
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Exist w Proj
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	65.9	66	65.9	10	----	65.9	0.0	8	-8.0
ST2	2	1	0.0	66.3	66	66.3	10	Snd Lvl	66.3	0.0	8	-8.0
ST3	3	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0
ST4	4	1	0.0	67.2	66	67.2	10	Snd Lvl	67.2	0.0	8	-8.0
ST5	5	1	0.0	65.8	66	65.8	10	----	65.8	0.0	8	-8.0
M1	10	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0
M2	12	1	0.0	62.4	66	62.4	10	----	62.4	0.0	8	-8.0
M3	13	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	8	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek 4 December 2018
MG TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Future

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Arizona Avenue - west of 17th St	40.0	point1	1	1,535.6	1,090.8	160.00				Average	
		point3	3	1,605.2	1,162.4	160.00					
Wilshire Blvd - west of 17th St	60.0	point26	26	952.2	1,492.3	160.00				Average	
		point8	8	1,124.4	1,659.6	160.00					
Alleyway - south of Arizona Avenue	15.0	point28	28	1,942.5	1,096.2	160.00				Average	
		point16	16	1,742.8	1,302.8	160.00					
20th St - south of Arizona Ave	45.0	point30	30	2,190.2	1,112.2	160.00				Average	
		point19	19	1,887.1	1,438.7	160.00					
21st Street - Arizona to Wilshire	45.0	point32	32	2,140.2	1,711.0	160.00				Average	
		point23	23	1,685.4	2,197.0	160.00					
22nd St - Arizona to Wilshire	45.0	point34	34	2,383.2	1,948.8	160.00				Average	
		point2	2	1,939.2	2,423.3	160.00					
17th Street - south of Arizona Ave	45.0	point36	36	1,739.7	1,026.8	160.00				Average	
		point12	12	1,608.8	1,159.0	160.00					
17th Street - north of Wilshire Blvd	45.0	point37	37	1,124.7	1,660.7	160.00				Average	
		point14	14	880.9	1,901.8	160.00					
Wilshire Blvd - 17th St to 20th St	60.0	point38	38	1,124.4	1,659.6	160.00				Average	
		point9	9	1,410.8	1,946.0	160.00					
17th Street - Arizona to Wilshire	45.0	point39	39	1,598.2	1,168.3	160.00				Average	
		point13	13	1,125.5	1,659.9	160.00					
Alleyway - Wilshire Blvd to Arizona Ave	15.0	point40	40	1,741.1	1,305.0	160.00				Average	
		point17	17	1,271.3	1,792.7	160.00					
20th Street - Arizona to Wilshire	45.0	point41	41	1,881.8	1,444.3	160.00				Average	
		point20	20	1,407.1	1,941.2	160.00					
20th Street - north of Wilshire Blvd	45.0	point42	42	1,405.5	1,942.9	160.00				Average	

		point21	21	1,202.9	2,161.6	160.00					
Wilshire Blvd - east of 20th St	60.0	point43	43	1,410.8	1,946.0	160.00				Average	
		point10	10	2,091.3	2,584.8	160.00					
Arizona Avenue - east of 20th St	40.0	point44	44	1,883.4	1,442.1	160.00				Average	
		point6	6	2,616.4	2,168.1	160.00					
Arizona Avenue - 17th St to 20	40.0	point46	46	1,605.2	1,162.4	160.00				Average	
		point45	45	1,744.3	1,305.0	160.00				Average	
		point5	5	1,883.4	1,442.1	160.00					

Dudek **4 December 2018**
MG **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **10179**
RUN: **20th St Wellness Center Future**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Arizona Avenue - west of 17th St	point1	1	640	25	13	25	7	25	0	0	0	0
	point3	3										
Wilshire Blvd - west of 17th St	point26	26	2377	30	49	30	25	30	0	0	0	0
	point8	8										
Alleyway - south of Arizona Avenue	point28	28	48	15	8	15	0	0	0	0	0	0
	point16	16										
20th St - south of Arizona Ave	point30	30	1329	30	27	30	14	30	0	0	0	0
	point19	19										
21st Street - Arizona to Wilshire	point32	32	0	0	0	0	0	0	0	0	0	0
	point23	23										
22nd St - Arizona to Wilshire	point34	34	0	0	0	0	0	0	0	0	0	0
	point2	2										
17th Street - south of Arizona Ave	point36	36	757	25	16	25	8	25	0	0	0	0
	point12	12										
17th Street - north of Wilshire Blvd	point37	37	592	25	12	25	6	25	0	0	0	0
	point14	14										
Wilshire Blvd - 17th St to 20th St	point38	38	2367	30	49	30	24	30	0	0	0	0
	point9	9										
17th Street - Arizona to Wilshire	point39	39	698	25	14	25	7	25	0	0	0	0
	point13	13										
Alleyway - Wilshire Blvd to Arizona Ave	point40	40	38	25	1	25	0	0	0	0	0	0
	point17	17										
20th Street - Arizona to Wilshire	point41	41	1048	30	22	30	11	30	0	0	0	0

	point20	20										
20th Street - north of Wilshire Blvd	point42	42	786	30	16	30	8	30	0	0	0	0
	point21	21										
Wilshire Blvd - east of 20th St	point43	43	2464	30	51	30	25	30	0	0	0	0
	point10	10										
Arizona Avenue - east of 20th St	point44	44	728	25	15	25	8	25	0	0	0	0
	point6	6										
Arizona Avenue - 17th St to 20	point46	46	601	25	12	25	6	25	0	0	0	0
	point45	45	601	25	12	25	6	25	0	0	0	0
	point5	5										

Dudek						**4 December 2018**					
MG						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**10179**										
RUN:	**20th St Wellness Center Future**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,772.2	1,511.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST2	2	1	1,747.9	1,626.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST3	3	1	1,632.4	1,401.4	160.00	5.00	0.00	66	10.0	8.0	Y
ST4	4	1	1,595.8	1,708.1	160.00	5.00	0.00	66	10.0	8.0	Y
ST5	5	1	1,852.2	1,383.0	160.00	5.00	0.00	66	10.0	8.0	Y
M1	10	1	1,340.5	1,374.3	160.00	5.00	0.00	66	10.0	8.0	Y
M2	12	1	965.1	1,766.0	160.00	5.00	0.00	66	10.0	8.0	Y
M3	13	1	1,670.8	1,057.9	160.00	5.00	0.00	66	10.0	8.0	Y

Dudek 4 December 2018
MG TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Future

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier1	W	0.00	99.99	0.00				0.00	point1	1	1,599.0	1,238.4	160.00	20.00	0.00	0	0		
									point3	3	1,692.7	1,319.7	160.00	20.00	0.00	0	0		
									point4	4	1,279.4	1,749.5	160.00	20.00	0.00	0	0		
									point5	5	1,176.1	1,643.4	160.00	20.00					
Barrier2	W	0.00	99.99	0.00				0.00	point70	70	1,431.8	1,073.1	160.00	20.00	0.00	0	0		
									point45	45	1,464.9	1,106.1	160.00	20.00	0.00	0	0		
									point46	46	1,426.3	1,154.4	160.00	20.00	0.00	0	0		
									point47	47	1,467.6	1,201.2	160.00	20.00	0.00	0	0		
									point48	48	1,316.1	1,355.5	160.00	20.00	0.00	0	0		
									point49	49	1,229.3	1,272.8	160.00	20.00					
Barrier3	W	0.00	99.99	0.00				0.00	point72	72	1,452.8	1,640.4	160.00	20.00	0.00	0	0		
									point7	7	1,529.3	1,714.8	160.00	20.00	0.00	0	0		
									point8	8	1,494.3	1,750.8	160.00	20.00	0.00	0	0		
									point9	9	1,417.8	1,673.2	160.00	20.00					
Barrier4	W	0.00	99.99	0.00				0.00	point74	74	1,870.9	1,522.7	160.00	20.00	0.00	0	0		
									point15	15	1,964.4	1,608.0	160.00	20.00	0.00	0	0		
									point16	16	1,575.9	2,010.3	160.00	20.00	0.00	0	0		
									point17	17	1,540.1	1,970.3	160.00	20.00	0.00	0	0		
									point18	18	1,520.8	1,996.5	160.00	20.00	0.00	0	0		
									point19	19	1,461.5	1,929.0	160.00	20.00					
Barrier5	W	0.00	99.99	0.00				0.00	point78	78	2,435.8	1,133.3	160.00	20.00	0.00	0	0		
									point21	21	2,518.4	1,213.2	160.00	20.00	0.00	0	0		
									point22	22	2,124.4	1,648.6	160.00	20.00	0.00	0	0		
									point23	23	2,041.7	1,560.4	160.00	20.00					
Barrier6	W	0.00	99.99	0.00				0.00	point79	79	1,587.6	2,048.6	160.00	20.00	0.00	0	0		
									point37	37	1,979.9	1,619.9	160.00	20.00	0.00	0	0		
									point38	38	2,087.5	1,708.4	160.00	20.00	0.00	0	0		
									point39	39	1,684.8	2,159.7	160.00	20.00					
Barrier7	W	0.00	99.99	0.00				0.00	point81	81	1,165.5	1,541.4	160.00	20.00	0.00	0	0		
									point41	41	1,228.9	1,483.5	160.00	20.00	0.00	0	0		
									point42	42	1,113.2	1,373.3	160.00	20.00	0.00	0	0		
									point43	43	1,060.8	1,439.4	160.00	20.00					
Barrier8	W	0.00	99.99	0.00				0.00	point83	83	1,514.1	1,556.4	160.00	20.00	0.00	0	0		
									point51	51	1,534.1	1,575.4	160.00	20.00	0.00	0	0		
									point52	52	1,566.2	1,544.7	160.00	20.00	0.00	0	0		

									point53	53	1,543.8	1,523.3	160.00	20.00						
Barrier9	W	0.00	99.99	0.00				0.00	point85	85	1,734.6	1,494.7	160.00	20.00	0.00	0	0		
									point59	59	1,754.2	1,475.1	160.00	20.00	0.00	0	0		
									point60	60	1,703.6	1,422.4	160.00	20.00	0.00	0	0		
									point61	61	1,739.4	1,390.7	160.00	20.00	0.00	0	0		
									point62	62	1,709.4	1,360.7	160.00	20.00	0.00	0	0		
									point63	63	1,651.5	1,426.5	160.00	20.00	0.00	0	0		
									point64	64	1,686.3	1,458.6	160.00	20.00	0.00	0	0		
									point65	65	1,693.6	1,451.3	160.00	20.00					
Barrier10	W	0.00	99.99	0.00				0.00	point87	87	1,942.0	1,440.1	160.00	20.00	0.00	0	0		
									point25	25	2,018.5	1,518.8	160.00	20.00	0.00	0	0		
									point26	26	2,156.3	1,385.4	160.00	20.00	0.00	0	0		
									point27	27	2,064.5	1,302.3	160.00	20.00					
Barrier11	W	0.00	99.99	0.00				0.00	point91	91	1,777.6	1,287.4	160.00	20.00	0.00	0	0		
									point29	29	1,867.1	1,366.6	160.00	20.00	0.00	0	0		
									point30	30	2,042.1	1,185.5	160.00	20.00	0.00	0	0		
									point31	31	1,960.1	1,103.5	160.00	20.00					
Barrier12	W	0.00	99.99	0.00				0.00	point95	95	1,422.2	1,711.5	160.00	20.00	0.00	0	0		
									point11	11	1,485.6	1,776.0	160.00	20.00	0.00	0	0		
									point12	12	1,397.0	1,864.5	160.00	20.00	0.00	0	0		
									point13	13	1,329.2	1,797.8	160.00	20.00					
Barrier13	W	0.00	99.99	0.00				0.00	point97	97	1,658.3	1,403.5	160.00	20.00	0.00	0	0		
									point67	67	1,665.3	1,409.5	160.00	20.00	0.00	0	0		
									point68	68	1,687.3	1,384.8	160.00	20.00	0.00	0	0		
									point2	2	1,680.5	1,379.0	160.00	20.00					
Barrier14	W	0.00	99.99	0.00				0.00	point99	99	1,548.9	1,521.1	160.00	20.00	0.00	0	0		
									point55	55	1,574.4	1,545.2	160.00	20.00	0.00	0	0		
									point56	56	1,632.6	1,484.2	160.00	20.00	0.00	0	0		
									point57	57	1,606.1	1,460.5	160.00	20.00					
Barrier15	W	0.00	99.99	0.00				0.00	point89	89	1,656.3	1,165.0	160.00	20.00	0.00	0	0		
									point33	33	1,749.2	1,255.2	160.00	20.00	0.00	0	0		
									point76	76	1,897.9	1,106.4	160.00	20.00	0.00	0	0		
									point35	35	1,811.2	1,018.2	160.00	20.00					

Dudek
MG
4 December 2018
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Future
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	65.5	66	65.5	10	----	65.5	0.0	8	-8.0
ST2	2	1	0.0	65.9	66	65.9	10	----	65.9	0.0	8	-8.0
ST3	3	1	0.0	54.9	66	54.9	10	----	54.9	0.0	8	-8.0
ST4	4	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
ST5	5	1	0.0	65.9	66	65.9	10	----	65.9	0.0	8	-8.0
M1	10	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
M2	12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
M3	13	1	0.0	63.1	66	63.1	10	----	63.1	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	8	0.0	0.0	0.0
All Impacted	1	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek					**4 December 2018**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**10179**						**a State highway agency substantiates the use**				
RUN:	**20th St Wellness Center Fut with Proj**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Arizona Avenue - west of 17th St	40.0	point1	1	1,535.6	1,090.8	160.00				Average	
		point3	3	1,605.2	1,162.4	160.00					
Wilshire Blvd - west of 17th St	60.0	point26	26	952.2	1,492.3	160.00				Average	
		point8	8	1,124.4	1,659.6	160.00					
Alleyway - south of Arizona Avenue	15.0	point28	28	1,942.5	1,096.2	160.00				Average	
		point16	16	1,742.8	1,302.8	160.00					
20th St - south of Arizona Ave	45.0	point30	30	2,190.2	1,112.2	160.00				Average	
		point19	19	1,887.1	1,438.7	160.00					
21st Street - Arizona to Wilshire	45.0	point32	32	2,140.2	1,711.0	160.00				Average	
		point23	23	1,685.4	2,197.0	160.00					
22nd St - Arizona to Wilshire	45.0	point34	34	2,383.2	1,948.8	160.00				Average	
		point2	2	1,939.2	2,423.3	160.00					
17th Street - south of Arizona Ave	45.0	point36	36	1,739.7	1,026.8	160.00				Average	
		point12	12	1,608.8	1,159.0	160.00					
17th Street - north of Wilshire Blvd	45.0	point37	37	1,124.7	1,660.7	160.00				Average	
		point14	14	880.9	1,901.8	160.00					
Wilshire Blvd - 17th St to 20th St	60.0	point38	38	1,124.4	1,659.6	160.00				Average	
		point9	9	1,410.8	1,946.0	160.00					
17th Street - Arizona to Wilshire	45.0	point39	39	1,598.2	1,168.3	160.00				Average	
		point13	13	1,125.5	1,659.9	160.00					
Alleyway - Wilshire Blvd to Arizona Ave	15.0	point40	40	1,741.1	1,305.0	160.00				Average	
		point17	17	1,271.3	1,792.7	160.00					
20th Street - Arizona to Wilshire	45.0	point41	41	1,881.8	1,444.3	160.00				Average	
		point20	20	1,407.1	1,941.2	160.00					
20th Street - north of Wilshire Blvd	45.0	point42	42	1,405.5	1,942.9	160.00				Average	

		point21	21	1,202.9	2,161.6	160.00					
Wilshire Blvd - east of 20th St	60.0	point43	43	1,410.8	1,946.0	160.00				Average	
		point10	10	2,091.3	2,584.8	160.00					
Arizona Avenue - east of 20th St	40.0	point44	44	1,883.4	1,442.1	160.00				Average	
		point6	6	2,616.4	2,168.1	160.00					
Arizona Avenue - 17th St to 20	40.0	point46	46	1,605.2	1,162.4	160.00				Average	
		point45	45	1,744.3	1,305.0	160.00				Average	
		point5	5	1,883.4	1,442.1	160.00					

Dudek **4 December 2018**
MG **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **10179**
RUN: **20th St Wellness Center Fut with Proj**

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Arizona Avenue - west of 17th St	point1	1	643	25	13	25	7	25	0	0	0	0
	point3	3										
Wilshire Blvd - west of 17th St	point26	26	2380	30	49	30	25	30	0	0	0	0
	point8	8										
Alleyway - south of Arizona Avenue	point28	28	48	15	8	15	0	0	0	0	0	0
	point16	16										
20th St - south of Arizona Ave	point30	30	1388	30	29	30	14	30	0	0	0	0
	point19	19										
21st Street - Arizona to Wilshire	point32	32	0	0	0	0	0	0	0	0	0	0
	point23	23										
22nd St - Arizona to Wilshire	point34	34	0	0	0	0	0	0	0	0	0	0
	point2	2										
17th Street - south of Arizona Ave	point36	36	760	25	16	25	8	25	0	0	0	0
	point12	12										
17th Street - north of Wilshire Blvd	point37	37	592	25	12	25	6	25	0	0	0	0
	point14	14										
Wilshire Blvd - 17th St to 20th St	point38	38	2374	30	49	30	24	30	0	0	0	0
	point9	9										
17th Street - Arizona to Wilshire	point39	39	699	25	14	25	7	25	0	0	0	0
	point13	13										
Alleyway - Wilshire Blvd to Arizona Ave	point40	40	92	25	2	25	0	0	0	0	0	0
	point17	17										
20th Street - Arizona to Wilshire	point41	41	1125	30	23	30	12	30	0	0	0	0

	point20	20										
20th Street - north of Wilshire Blvd	point42	42	791	30	16	30	8	30	0	0	0	0
	point21	21										
Wilshire Blvd - east of 20th St	point43	43	2481	30	51	30	26	30	0	0	0	0
	point10	10										
Arizona Avenue - east of 20th St	point44	44	732	25	15	25	8	25	0	0	0	0
	point6	6										
Arizona Avenue - 17th St to 20	point46	46	615	25	13	25	6	25	0	0	0	0
	point45	45	615	25	13	25	6	25	0	0	0	0
	point5	5										

Dudek 4 December 2018
MG TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Fut with Proj

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,772.2	1,511.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST2	2	1	1,747.9	1,626.6	160.00	5.00	0.00	66	10.0	8.0	Y
ST3	3	1	1,632.4	1,401.4	160.00	5.00	0.00	66	10.0	8.0	Y
ST4	4	1	1,595.8	1,708.1	160.00	5.00	0.00	66	10.0	8.0	Y
ST5	5	1	1,852.2	1,383.0	160.00	5.00	0.00	66	10.0	8.0	Y
M1	10	1	1,340.5	1,374.3	160.00	5.00	0.00	66	10.0	8.0	Y
M2	12	1	965.1	1,766.0	160.00	5.00	0.00	66	10.0	8.0	Y
M3	13	1	1,670.8	1,057.9	160.00	5.00	0.00	66	10.0	8.0	Y

Dudek 4 December 2018
MG TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Fut with Proj

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier1	W	0.00	99.99	0.00				0.00	point1	1	1,599.0	1,238.4	160.00	20.00	0.00	0	0		
									point3	3	1,692.7	1,319.7	160.00	20.00	0.00	0	0		
									point4	4	1,279.4	1,749.5	160.00	20.00	0.00	0	0		
									point5	5	1,176.1	1,643.4	160.00	20.00					
Barrier2	W	0.00	99.99	0.00				0.00	point70	70	1,431.8	1,073.1	160.00	20.00	0.00	0	0		
									point45	45	1,464.9	1,106.1	160.00	20.00	0.00	0	0		
									point46	46	1,426.3	1,154.4	160.00	20.00	0.00	0	0		
									point47	47	1,467.6	1,201.2	160.00	20.00	0.00	0	0		
									point48	48	1,316.1	1,355.5	160.00	20.00	0.00	0	0		
									point49	49	1,229.3	1,272.8	160.00	20.00					
Barrier3	W	0.00	99.99	0.00				0.00	point72	72	1,452.8	1,640.4	160.00	20.00	0.00	0	0		
									point7	7	1,529.3	1,714.8	160.00	20.00	0.00	0	0		
									point8	8	1,494.3	1,750.8	160.00	20.00	0.00	0	0		
									point9	9	1,417.8	1,673.2	160.00	20.00					
Barrier4	W	0.00	99.99	0.00				0.00	point74	74	1,870.9	1,522.7	160.00	20.00	0.00	0	0		
									point15	15	1,964.4	1,608.0	160.00	20.00	0.00	0	0		
									point16	16	1,575.9	2,010.3	160.00	20.00	0.00	0	0		
									point17	17	1,540.1	1,970.3	160.00	20.00	0.00	0	0		
									point18	18	1,520.8	1,996.5	160.00	20.00	0.00	0	0		
									point19	19	1,461.5	1,929.0	160.00	20.00					
Barrier5	W	0.00	99.99	0.00				0.00	point78	78	2,435.8	1,133.3	160.00	20.00	0.00	0	0		
									point21	21	2,518.4	1,213.2	160.00	20.00	0.00	0	0		
									point22	22	2,124.4	1,648.6	160.00	20.00	0.00	0	0		
									point23	23	2,041.7	1,560.4	160.00	20.00					
Barrier6	W	0.00	99.99	0.00				0.00	point79	79	1,587.6	2,048.6	160.00	20.00	0.00	0	0		
									point37	37	1,979.9	1,619.9	160.00	20.00	0.00	0	0		
									point38	38	2,087.5	1,708.4	160.00	20.00	0.00	0	0		
									point39	39	1,684.8	2,159.7	160.00	20.00					
Barrier7	W	0.00	99.99	0.00				0.00	point81	81	1,165.5	1,541.4	160.00	20.00	0.00	0	0		
									point41	41	1,228.9	1,483.5	160.00	20.00	0.00	0	0		
									point42	42	1,113.2	1,373.3	160.00	20.00	0.00	0	0		
									point43	43	1,060.8	1,439.4	160.00	20.00					
Barrier8	W	0.00	99.99	0.00				0.00	point83	83	1,514.1	1,556.4	160.00	20.00	0.00	0	0		
									point51	51	1,534.1	1,575.4	160.00	20.00	0.00	0	0		
									point52	52	1,566.2	1,544.7	160.00	20.00	0.00	0	0		

									point53	53	1,543.8	1,523.3	160.00	20.00						
Barrier9	W	0.00	99.99	0.00				0.00	point85	85	1,734.6	1,494.7	160.00	20.00	0.00	0	0			
									point59	59	1,754.2	1,475.1	160.00	20.00	0.00	0	0			
									point60	60	1,703.6	1,422.4	160.00	20.00	0.00	0	0			
									point61	61	1,739.4	1,390.7	160.00	20.00	0.00	0	0			
									point62	62	1,709.4	1,360.7	160.00	20.00	0.00	0	0			
									point63	63	1,651.5	1,426.5	160.00	20.00	0.00	0	0			
									point64	64	1,686.3	1,458.6	160.00	20.00	0.00	0	0			
									point65	65	1,693.6	1,451.3	160.00	20.00						
Barrier10	W	0.00	99.99	0.00				0.00	point87	87	1,942.0	1,440.1	160.00	20.00	0.00	0	0			
									point25	25	2,018.5	1,518.8	160.00	20.00	0.00	0	0			
									point26	26	2,156.3	1,385.4	160.00	20.00	0.00	0	0			
									point27	27	2,064.5	1,302.3	160.00	20.00						
Barrier11	W	0.00	99.99	0.00				0.00	point91	91	1,777.6	1,287.4	160.00	20.00	0.00	0	0			
									point29	29	1,867.1	1,366.6	160.00	20.00	0.00	0	0			
									point30	30	2,042.1	1,185.5	160.00	20.00	0.00	0	0			
									point31	31	1,960.1	1,103.5	160.00	20.00						
Barrier12	W	0.00	99.99	0.00				0.00	point95	95	1,422.2	1,711.5	160.00	20.00	0.00	0	0			
									point11	11	1,485.6	1,776.0	160.00	20.00	0.00	0	0			
									point12	12	1,397.0	1,864.5	160.00	20.00	0.00	0	0			
									point13	13	1,329.2	1,797.8	160.00	20.00						
Barrier13	W	0.00	99.99	0.00				0.00	point97	97	1,658.3	1,403.5	160.00	20.00	0.00	0	0			
									point67	67	1,665.3	1,409.5	160.00	20.00	0.00	0	0			
									point68	68	1,687.3	1,384.8	160.00	20.00	0.00	0	0			
									point2	2	1,680.5	1,379.0	160.00	20.00						
Barrier14	W	0.00	99.99	0.00				0.00	point99	99	1,548.9	1,521.1	160.00	20.00	0.00	0	0			
									point55	55	1,574.4	1,545.2	160.00	20.00	0.00	0	0			
									point56	56	1,632.6	1,484.2	160.00	20.00	0.00	0	0			
									point57	57	1,606.1	1,460.5	160.00	20.00						
Barrier15	W	0.00	99.99	0.00				0.00	point89	89	1,656.3	1,165.0	160.00	20.00	0.00	0	0			
									point33	33	1,749.2	1,255.2	160.00	20.00	0.00	0	0			
									point76	76	1,897.9	1,106.4	160.00	20.00	0.00	0	0			
									point35	35	1,811.2	1,018.2	160.00	20.00						

Dudek
MG
4 December 2018
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 10179
RUN: 20th St Wellness Center Fut with Proj
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	65.8	66	65.8	10	----	65.8	0.0	8	-8.0
ST2	2	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
ST3	3	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0
ST4	4	1	0.0	67.1	66	67.1	10	Snd Lvl	67.1	0.0	8	-8.0
ST5	5	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
M1	10	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
M2	12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
M3	13	1	0.0	63.1	66	63.1	10	----	63.1	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	8	0.0	0.0	0.0
All Impacted	3	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

On-Site Operational Noise
Input / Output

20th Street Wellness Center

On-Site Noise Calculations

Distance from mechanical equipment to nearest NSLU:				70 feet	**Lw (dBA)**	**Distance (Ft)**	**SPL Lp (dBA)**
HVAC Equipment - Neglecting Building Shielding Effects			**PWL**				
Unabated Noise Levels - neglecting structure shielding							
3 100-ton HVAC units	3*	108.2 dBA	113.0 dBA		113.0	70.0	78.6 dBA
2 20-ton HVAC units	2*	92.2 dBA	95.2 dBA		95.2	70.0	60.8 dBA
					Total		**78.7** dBA

Standby Generator - Neglecting Building Shielding Effects

Generac SD300	**SPL**	SPL at 70 feet
Open Set	89.4 dBA at 7 meters (23 feet)	79.7 dBA
Standard Enclosure	84.6 dBA at 7 meters (23 feet)	74.9 dBA
Level 1 Acoustic Enclosure	77 dBA at 7 meters (23 feet)	67.3 dBA
Level 2 Acoustic Enclosure	75.8 dBA at 7 meters (23 feet)	66.1 dBA

Building Shielding Effects

From Fresnel EqB27:AA79+B27:AA79uation Spreadsheet: 22.6 dB

Resulting Noise Level with Building Shielding Effects **For nearest NSLU**

HVAC	**56.1 dBA**
Generator	**44.8 dBA**
Combined	56.4 dBA

Distance from mechanical equipment to 2nd-nearest NSLU:				200 feet	**Lw (dBA)**	**Distance (Ft)**	**SPL Lp (dBA)**
HVAC Equipment - Neglecting Building Shielding Effects			**PWL**				
Unabated Noise Levels - neglecting structure shielding							
3 100-ton HVAC units	3*	108.2 dBA	113.0 dBA		113.0	200.0	69.5 dBA
2 20-ton HVAC units	2*	92.2 dBA	95.2 dBA		95.2	200.0	51.7 dBA
					Total		**69.5** dBA

Standby Generator - Neglecting Building Shielding Effects

Generac SD300	**SPL**	SPL at 200 feet
Open Set	89.4 dBA at 7 meters (23 feet)	70.6 dBA
Standard Enclosure	84.6 dBA at 7 meters (23 feet)	65.8 dBA
Level 1 Acoustic Enclosure	77 dBA at 7 meters (23 feet)	58.2 dBA
Level 2 Acoustic Enclosure	75.8 dBA at 7 meters (23 feet)	57.0 dBA

Building Shielding Effects

For nearest NSLU
For 2nd-nearest NSLU
From Fresnel Equation Spreadsheet: 10.4 dB

Resulting Noise Level with Building Shielding Effects

	For 2nd-nearest NSLU
HVAC	**59.1 dBA**
Generator	**47.8 dBA**
Combined	59.4 dBA

105-Ton Unit (per spec sheet)

	63	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
Outdoor Noise PWL	106	104	105	106	103	101	96	90
Conversion to A-weighting	*-26.2*	*-16.1*	*-8.6*	*-3.2*	*0*	*1.2*	*1*	*-1.1*
A-weighted level	79.8	87.9	96.4	102.8	103	102.2	97	88.9

Overall A-weighted PWL 108.2

20-Ton Unit (per spec sheet)

Overall A-weighted PWL 92.2

RAY-TRACE PROGRAM (FOR A POINT-SOURCE)

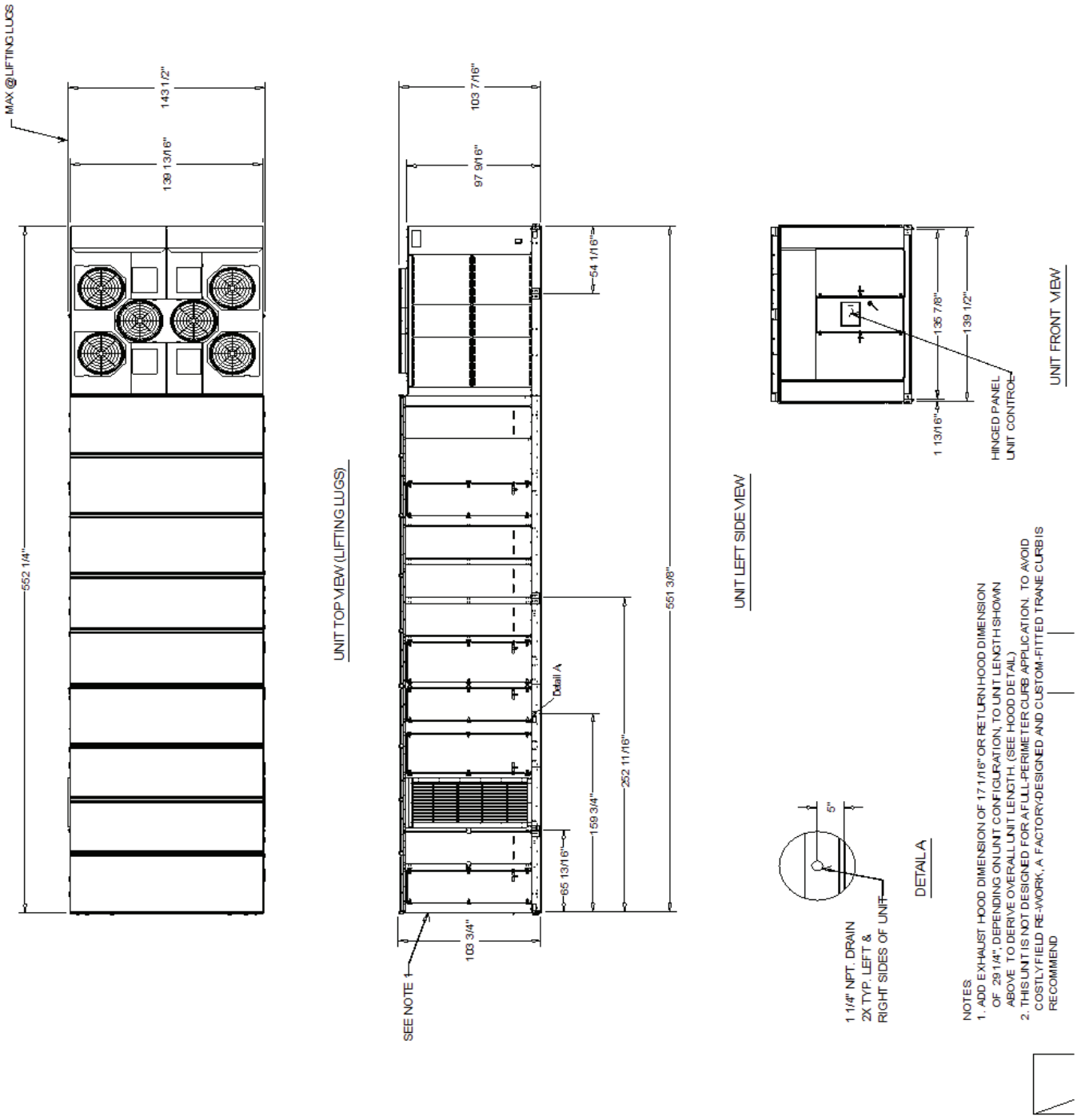
Uses the Equation: $(A_{e4})_{point}=20*\log[(2*pi*N)^{1/2}/\tanh(2*pi*N)^{1/2}]+5dB$
(Ref. Pg.174, Noise and Vibration Control, L.L. Beranek Editor, 1971 Ed.

Project: 20th Street Wellness Center Project
Date: 3/04/18
By: MGG

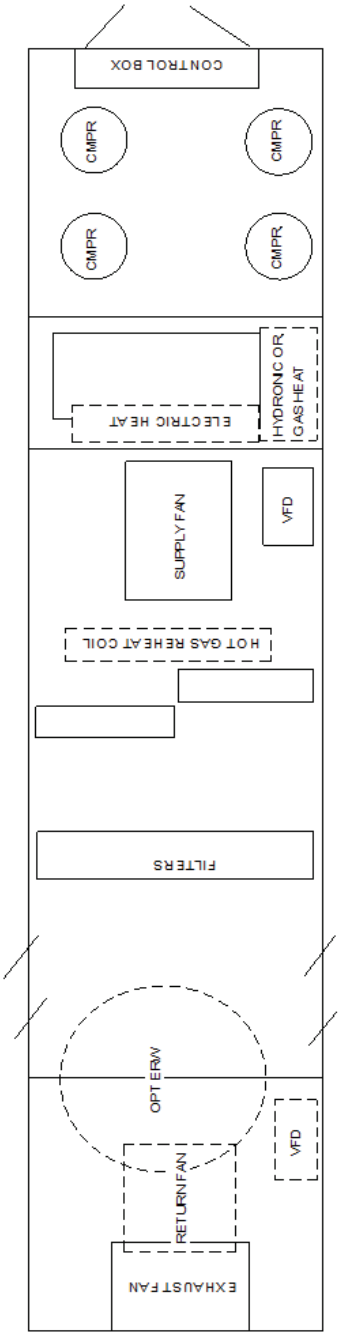
Please Enter: Using English (E) units or Metric (M) units ? **E**

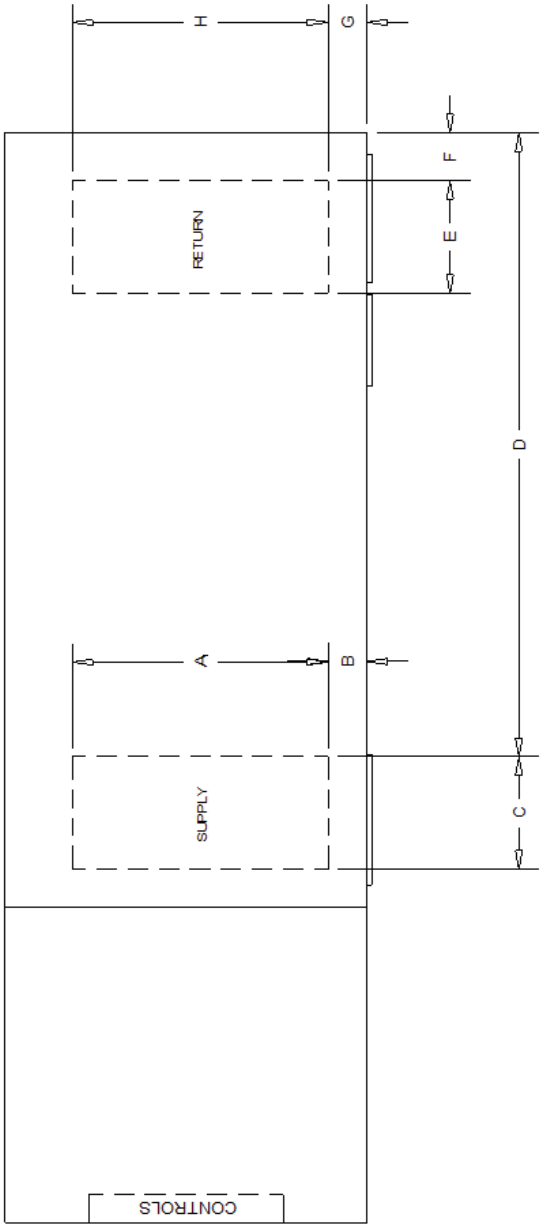
Ray Trace Number/Description	Source-Receiver Distance (ft. or m)	Source Base Elev. (ft. or m)	Source Height above Ground (ft. or m)	Receiver Base Elev. (ft. or m)	Receiver Height above Ground (ft. or m)	Horizontal Barrier Dist. (in ref. to source) (ft. or m)	Barrier Base Elev. (ft. or m)	Barrier Height (ft. or m)	Dominant Freq.(Hz)	Source-Rcvr Straight-Line Dist. (ft. or m)	Source-Top-of-Barrier Dist. (ft. or m)	Receiver-Top-of-Barrier Dist. (ft. or m)	Lambda	N_{max}	$AE_{(barriers)}$ (dB)
1. Source -Mechanical Noise	70.0	45.0	8.5	0.0	5.0	50.0	45.0	**0.0**	500.0	85.2	50.7	44.7	2.3	9.1	**22.6**
1. Source -Mechanical Noise	200.0	45.0	8.5	0.0	5.0	65.0	45.0	**0.0**	500.0	205.8	65.6	140.8	2.3	0.5	**10.4**

#REF!


MAX @LIFTING LUGS
143 1/2"
139 13/16"
552 1/4"
UNIT TOP VIEW (LIFTING LUGS)
103 7/16"
97 9/16"
54 1/16"
Detail A
551 3/8"
252 11/16"
159 3/4"
65 13/16"
103 3/4"
SEE NOTE 1
UNIT LEFT SIDE VIEW
135 7/8"
139 1/2"
1 13/16"
HINGED PANEL
UNIT CONTROL
UNIT FRONT VIEW
5"
1 1/4" NPT. DRAIN
2X TYP. LEFT &
RIGHT SIDES OF UNIT
DETAIL A
NOTES:
1. ADD EXHAUST HOOD DIMENSION OF 171/16" OR RETURN HOOD DIMENSION OF 291/4", DEPENDING ON UNIT CONFIGURATION, TO UNIT LENGTH SHOWN ABOVE TO DERIVE OVERALL UNIT LENGTH. (SEE HOOD DETAIL)
2. THIS UNIT IS NOT DESIGNED FOR A FULL-PERIMETER CURB APPLICATION. TO AVOID COSTLY FIELD RE-WORK, A FACTORY-DESIGNED AND CUSTOM-FITTED TRANE CURB IS RECOMMEND

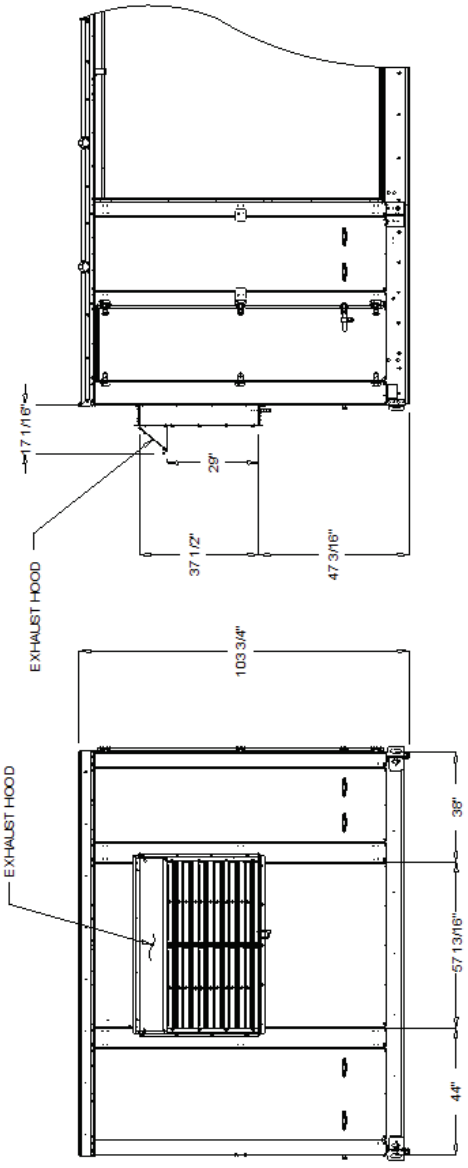
NOTES:
1. BLANK SECTION NOT INCLUDED IN DRAWING. IF UNIT HAS BLANK SECTION IT WILL BE LOCATED BETWEEN THE CONDENSER BULK HEAD AND THE SUPPLY FAN BOARD.
2. DRAWING IS A GENERAL REPRESENTATION OF THE UNIT LAYOUT.



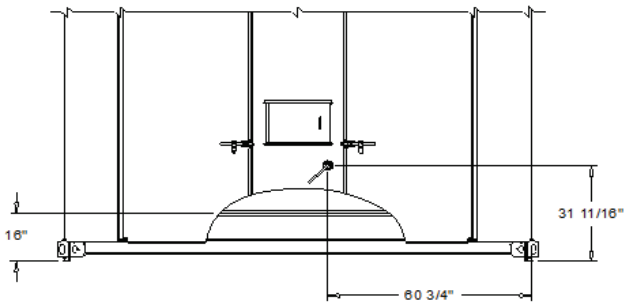


DIMENSION								
TONNAGE	A	B	C	D	E	F	G	H
90 - 118	102 1/2"	13"	47 7/8"	352 1/2"	48 3/16"	141 3/16"	8 7/8"	121 15/16"

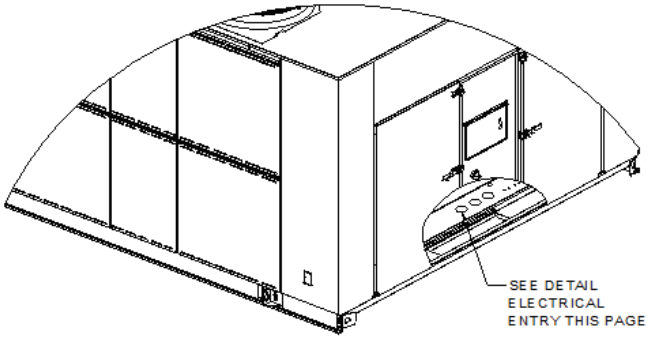
DOWN FLOW SUPPLY / UPFLOW RETURN
PLAN VIEW OF UNIT



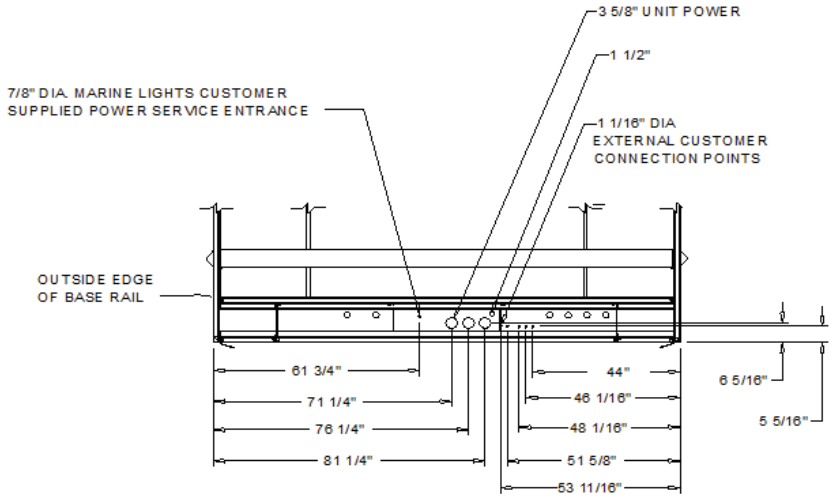
EXHAUST END VIEW



UNIT CONTROL BOX END VIEW
LEFT SIDE



UNIT ISOMETRIC VIEW
LEFT SIDE



ELECTRICAL ENTIRE
PLAN VIEW

ELECTRICAL / GENERAL DATA

GENERAL (2)(3)(4)

Tons: Unit	105
Operating Voltage Range:	414-506
Unit Primary Voltage:	460
Unit Hertz:	60
Unit Phase:	3
EER at ARI 360 rating conditions:	9.9 EER

MISCELLANEOUS FULL LOAD AMPS

Energy Recovery Wheel
Full Load Amps: N/A

Control Power Transformer
Full Load Amps: 3

Crankcase Heaters
Full Load Amps: 1

HEATING - PERFORMANCE

Heat Input:	N/A
Heat Output:	N/A
Capacity Steps:	N/A
Gas Inlet Pressure (MIN/MAX):	N/A
Gas Pipe Connection Size:	N/A

ELECTRIC HEATER

Electric Heater kW:	90
Electric Heater Full Load Amps:	108.30 A

COMPRESSOR (5)

Compressor 1 count	3.00 Each
Compressor 1 RLA	28.00 A
Compressor 2 count	1.00 Each
Compressor 2 RLA	34.10 A
Compressor 3 Count	0.00 Each
Compressor 3 RLA	0.00 A
Compressor 4 Count	0
Compressor 4 RLA	0.00 A
Compressor 5 Count	1
Compressor 5 RLA	42.90 A

SUPPLY FAN MOTOR

Number:	1
Horsepower:	60.0
Full Load Amps:	71.5

CONDENSER FAN MOTOR

Number:	6
Horsepower:	1.5
Full Load Amps:	16.2

EXHAUST / RETURN FAN MOTOR

Number:	1
Horsepower:	40.0
Full Load Amps:	47.6

FILTERS

Type	Standard 2" High Eff. Throwaway
Furnished:	Yes
Recommended Size:	21 - 20"x24"x2" 5 - 12"x24"x2"
Prefilters:	N/A

FINAL FILTERS

Type	90-95% Hi Temp Cartridge w/Prefilters
Furnished:	Yes
Recommended Size:	15 - 24"x24"x12" 7 - 12"x24"x12"
Prefilters:	15 - 24"x24"x2" 7 - 12"x24"x2"

REFRIGERANT (6)

Type:	R410A
Refrigerant Charge	
Refrigerant Charge (Circuit #1):	65.0 lb
Refrigerant Charge (Circuit #2):	59.0 lb

EVAP. CONDENSER

Pump Horsepower:	N/A
Pump Full Load Amps :	N/A
Sump Heater Full Load Amps:	N/A
Sump Heater kW:	N/A

Cooling MCA = (1.25 x LOAD 1) + LOAD 2 + LOAD 4 Cooling MOP = (2.25 x LOAD 1) + LOAD 2 + LOAD 4 Cooling RDE = (1.50 x LOAD 1) + LOAD 2 + LOAD 4

NOTES:

1. Load 1 = Current of the largest motor Load 2 = Sum of the currents of all remaining motor; Load 3 = Current of electric heaters; Load 4 = Control Power Transformer 90-130 and 100 -140 ton units add 6 FL amps for wire sizing formula).

2. For Electric Heat MCA, MOP, RDE values, calculate for both cooling and heating modes using the larger value for sizing. (When determining Loads, the compressors do not operate when the unit is in heating mode) (Heating Load 4 = 12 amps on 200,230 volt units and 9 amps on 460, 575 volt units).

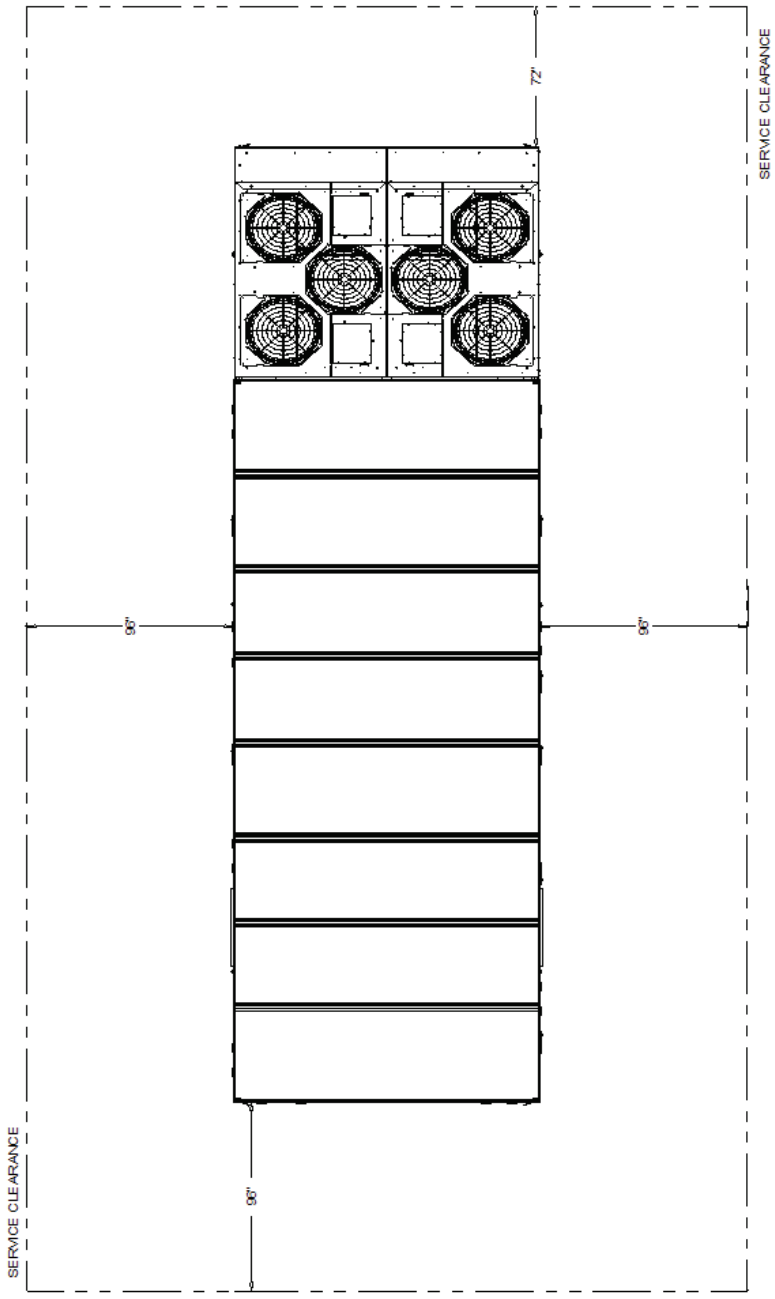
3. If selected MOP is less than the MCA, then select the lowest standard maximum fuse size that is equal to or less than the MCA, provided it does not exceed 800 amps.

4. If the selected Recommended Dual Element fuses size is greater then the selected Max Over current Protection value, then select the Recommended Dual Element fuse size Value to equal the Max over current protection value.

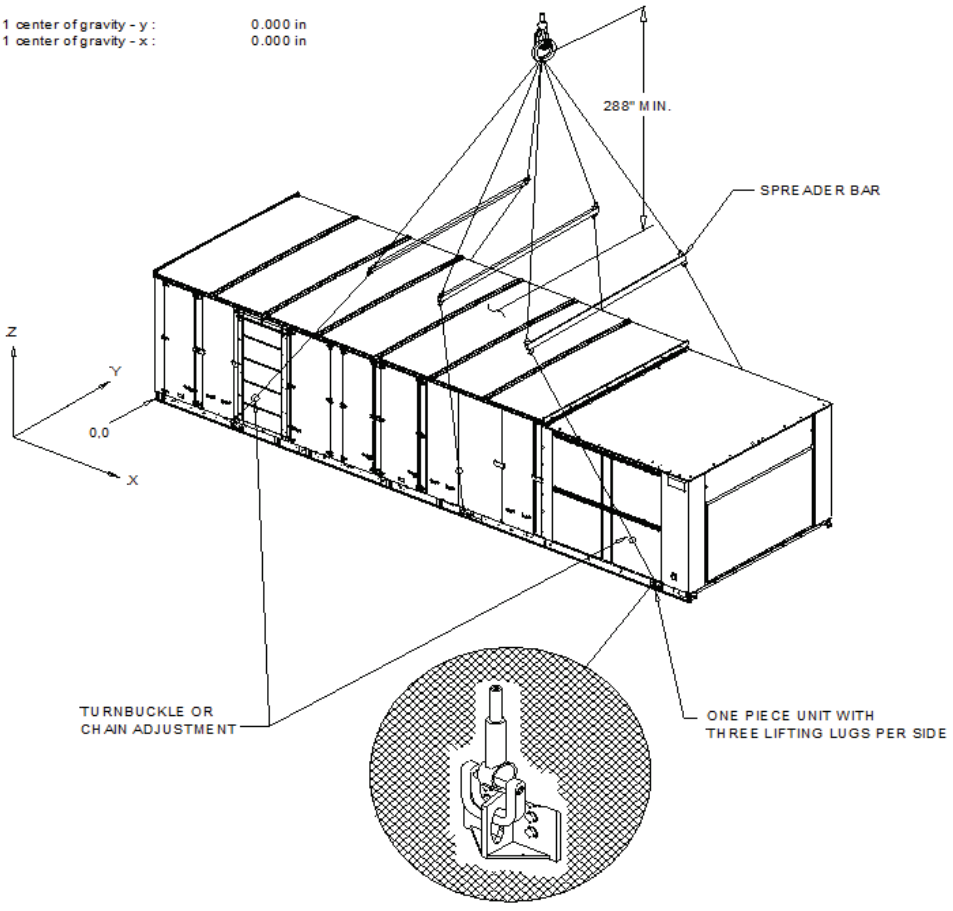
5. Compressor kW at AHRI Rating condition of 80/67/95.

6. All one piece IntelliPak II units are shipped fully charged from the factory. Multi-piece units will require field charging.

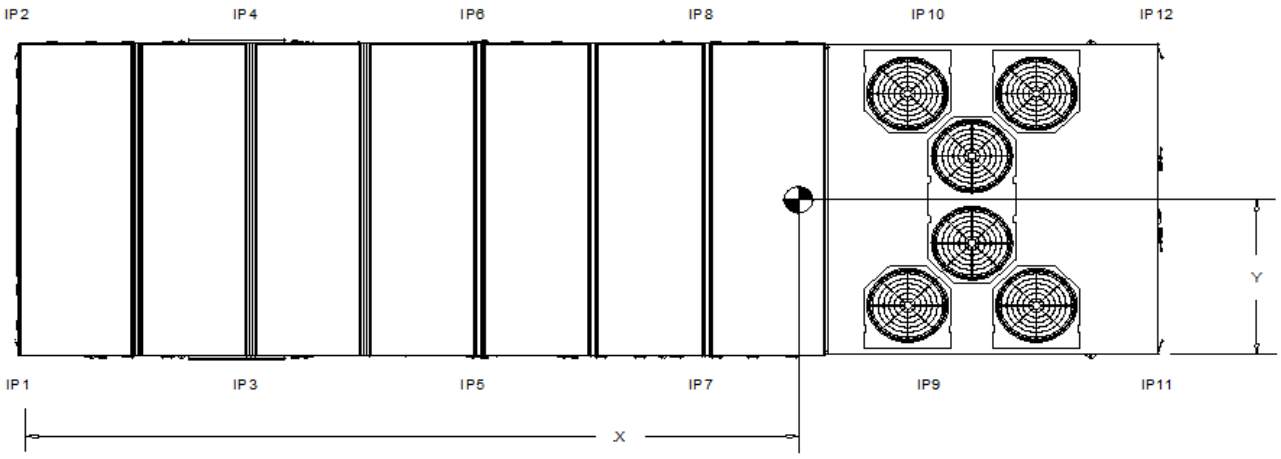
Note:
When 2 or more units are to be placed side by side, the distance between the units should be increased to 150% of the recommended single unit clearance. The units should also be staggered to reduce span deflection & assure proper diffusion of exhaust air.



Piece 1 - Total Weight :	20980.8 lb
Piece 1 One Type:	Complete Unit
Piece 1 - Lifting point loading 1 :	4071.7 lb
Piece 1 - Lifting point loading 2 :	3008.4 lb
Piece 1 - Lifting point loading 3 :	4049.7 lb
Piece 1 - Lifting point loading 4 :	3237.0 lb
Piece 1 - Lifting point loading 5 :	3387.6 lb
Piece 1 - Lifting point loading 6 :	3226.3 lb
Piece 1 - Lifting point loading 7 :	N/A
Piece 1 - Lifting point loading 8 :	N/A
Piece 1 - Lifting point loading 9 :	N/A
Piece 1 - Lifting point loading 10 :	N/A
Piece 1 - Lifting point loading 11 :	N/A
Piece 1 - Lifting point loading 12 :	N/A
Piece 1 First x dimension - Loading :	65.990 in
Piece 1 second x dimension - Loading :	252.850 in
Piece 1Third x dimension - Loading :	497.880 in
Piece 1 Fourth x dimension - Loading :	N/A
Piece 1 Fifth x dimension - Loading :	N/A
Piece 1 Sixth x dimension - Loading :	N/A
Piece 1 First y dimension - Loading :	N/A
Piece 1 Second y dimension - Loading :	N/A
Piece 1 center of gravity - y :	0.000 in
Piece 1 center of gravity - x :	0.000 in

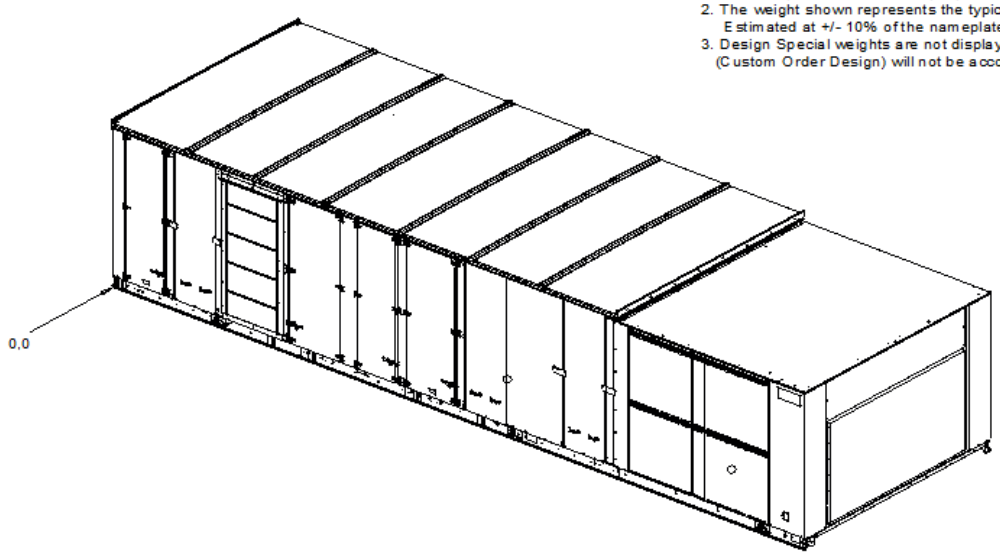


TYPICAL UNIT RIGGING



First x dimension - installed :	4.000 in	Installed point loading 1 :	1664.9 lb
second x dimension - installed :	107.500 in	Installed point loading 2 :	1130.5 lb
Third x dimension - installed :	211.000 in	Installed point loading 3 :	1881.6 lb
Fourth x dimension - installed :	314.500 in	Installed point loading 4 :	1600.5 lb
Fifth x dimension - installed :	410.924 in	Installed point loading 5 :	2546.7 lb
Sixth x dimension - installed :	524.024 in	Installed point loading 6 :	1739.5 lb
Seventh x dimension - installed :	N/A	Installed point loading 7 :	2298.6 lb
Eighth x dimension - installed :	N/A	Installed point loading 8 :	2012.5 lb
First y dimension - installed :	2.875 in	Installed point loading 9 :	1091.3 lb
Second y dimension - installed :	140.925 in	Installed point loading 10 :	1055.8 lb
Installed center of gravity - y :	63.022 in	Installed point loading 11 :	2026.0 lb
Installed center of gravity - x :	267.036 in	Installed point loading 12 :	1933.0 lb

1. Installed point loads for multiple piece units are only applicable for continuous rail support.
2. The weight shown represents the typical unit operating weight for the configuration selected. Estimated at +/- 10% of the nameplate weight.
3. Design Special weights are not displayed. Any weight added through COD (Custom Order Design) will not be accounted in the +/- 10% estimate t



INSTALL WEIGHT X-Y POINTS

90-162 Ton Packaged Industrial Rooftop

Job Information

Siavosh Selections
Los Angeles
(E94)Siavosh Asadi

Tag	**RTU-2**	Model number	**SEHJ105**
Nominal capacity	**105 Ton air cooled**	Unit type	**DX cooling/electric heat**

Model Description

Voltage selection	**460/60/3**	Heat capacity	**Electric heat 90/56 kW 60/50 Hz**
Supply fan airflow	**40000 cfm**	Exhaust / Return airflow	**40000 cfm**
		Damper Option	**Ultra low leak (Not Title 24)**
Unit configuration	**1 piece unit - w/ 8' blank section**	Miscellaneous options	**None**

System control	**VAV (DTC) with VFD w/ bypass**
Condenser coil selection	**Corrosion protected condenser coil**
Supply / return airflow configuration	**Downflow supply / upflow return**
Capacity, Efficiency, & drain pan	**eFlex/Std evap coil w/Galv drain pan**
Blank section application options	**Final 90-95% hightemp cartr w/prefilters**
Refrigeration system - A	**Standard**
Fresh air option	**Econ w/ dry bulb**
Power connection selection	**Terminal block**
Pre evaporator coil filter selection	**2 " high efficiency throw away**
Energy recovery wheel module	**None**
Reheat and hot gas bypass options	**Standard**

Cooling

Cooling EDB	**80.00 F**	Gross total capacity	**1257.86 MBh**
Cooling EWB	**67.00 F**	Gross sensible capacity	**993.66 MBh**
Ambient temp	**95.00 F**	Latent capacity	**264.20 MBh**
Leaving coil dry bulb	**58.03 F**	Net total capacity	**1104.28 MBh**
Leaving unit dry bulb	**61.55 F**	Net sensible capacity	**840.09 MBh**
Leaving unit wet bulb	**58.40 F**	System power	**146.16 kW**
EER @ AHRI	**9.9 EER**	IEER @ AHRI	**16.9 EER**
Fan motor heat	**153.57 MBh**	Elevation	

Reheat and hot gas bypass options	**Standard**	Reheat leaving dew point	

Power

Supply fan options	**Std CFM fan - TEFC high eff motor(s)**	100% Exhaust/Return fan options	**Std CFM Exhaust w/ VFD w/ Bypass w/ Sta**
Supply duct static pressure	**2.000 in H2O**	Return duct static pressure	**0.750 in H2O**
Total supply static pressure	**5.390 in H2O**	Component static pressure drop	**3.390 in H2O**
Supply fan RPM	**1200**	Exhaust/Return RPM	**500**
Actual Supply fan RPM	**1244 rpm**	Actual Exhaust / Return fan speed	**474 rpm**
Supply fan motor	**60 HP**	Exhaust/Return fan motor	**40 HP**

90-162 Ton Packaged Industrial Rooftop

Job Information

Siavosh Selections
Los Angeles
(E94)Siavosh Asadi

Tag	**RTU-2**	Model number	**SEHJ105**
Nominal capacity	**105 Ton air cooled**	Unit type	**DX cooling/electric heat**

Actual supply motor power	**56.33 bhp**	Actual Exhaust / Return motor power	**31.71 bhp**

Electrical

Minimum circuit ampacity	**318.58 A**	Compressor 1 count	**3.00 Each**
Maximum overcurrent protection	**350.00 A**	Compressor 1 RLA	**28.00 A**
Recommended dual element	**350.00 A**	Compressor 2 count	**1.00 Each**
Minimum disconnect switch size	**345.00 A**	Compressor 2 RLA	**34.10 A**
Supply fan motor FLA	**71.50 A**	Exhaust / Return fan motor FLA	**49.00 A**
Electric heater FLA	**108.30 A**	Condenser fan FLA	**16.20 A**
Crankcase heater FLA	**1.00 A**	Other FLA	**3.00 A**

Heating

Heat capacity	**Electric heat 90/56 kW 60/50 Hz**		
Heating entering air temperature	**70.00 F**	Output heating capacity	**307.35 MBh**
Heating leaving air temperature	**77.11 F**	Output heating capacity with fan	**458.32 MBh**

Acoustical Performance

Octave Band	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply duct	**96 dB**	**90 dB**	**96 dB**	**95 dB**	**90 dB**	**83 dB**	**79 dB**	**73 dB**
Return duct	**94 dB**	**88 dB**	**92 dB**	**92 dB**	**94 dB**	**91 dB**	**88 dB**	**82 dB**
Outdoor noise	**106 dB**	**104 dB**	**105 dB**	**106 dB**	**103 dB**	**101 dB**	**96 dB**	**90 dB**

Ducted Sound Power Rated in Accordance with ARI Standard 260.

Octave Band Sound Power in dB re 1 picoWatt.

"Discharge duct" is supply fan discharge sound power in the supply duct.

"Return duct" is supply fan inlet sound power in the return duct.

Weights

Total installed weight	**20980.8 lb**		
Installed point loading 1	**1664.9 lb**	Installed point loading 2	**1130.5 lb**
Installed point loading 3	**1881.6 lb**	Installed point loading 4	**1600.5 lb**
Installed point loading 5	**2546.7 lb**	Installed point loading 6	**1739.5 lb**
Installed point loading 7	**2298.6 lb**	Installed point loading 8	**2012.5 lb**
Installed point loading 9	**1091.3 lb**	Installed point loading 10	**1055.8 lb**
Installed point loading 11	**2026.0 lb**	Installed point loading 12	**1933.0 lb**
First x dimension - installed	**4.000 in**	Second x dimension - installed	**107.500 in**
Third x dimension - installed	**211.000 in**	Fourth x dimension - installed	**314.500 in**
First y dimension - installed	**2.875 in**	Second y dimension - installed	**140.925 in**
Installed center of gravity - x	**267.036 in**	Installed center of gravity - y	**63.022 in**

90-162 Ton Packaged Industrial Rooftop

Job Information

Siavosh Selections
Los Angeles
(E94)Siavosh Asadi

Tag	**RTU-2**	Model number	**SEHJ105**
Nominal capacity	**105 Ton air cooled**	Unit type	**DX cooling/electric heat**

Piece 1 Lifting

Piece One Type	**Complete Unit**	Piece 1 - Total weight	**20980.8 lb**
Piece 1-Lifting point loading 1	**4071.7 lb**	Piece 1-Lifting point loading 2	**3008.4 lb**
Piece 1-Lifting point loading 3	**4049.7 lb**	Piece 1-Lifting point loading 4	**3237.0 lb**
Piece 1-Lifting point loading 5	**3387.6 lb**	Piece 1-Lifting point loading 6	**3226.3 lb**
Piece 1- First x dimension - loading	**65.990 in**	Piece 1- Second x dimension - loading	**252.850 in**
Piece 1-Third x dimension - loading	**497.880 in**		
Piece 1 - COG X	**0.000 in**	Piece 1 - COG Y	**0.000 in**
Piece 3 - Lifting Point Load 3	**0.0 lb**		

Installed point loads for multiple piece units are only applicable for continuous rail support. For other installations contact your Trane representitive.

SD300 | 10.3 | 300 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

Standby Power Rating
300 kW, 375 kVA, 60 Hz

Prime Power Rating*
270 kW, 338 kVA, 60 Hz

*Built in the USA using domestic and foreign parts

*EPA Certified Prime ratings are not available in the US or its Territories

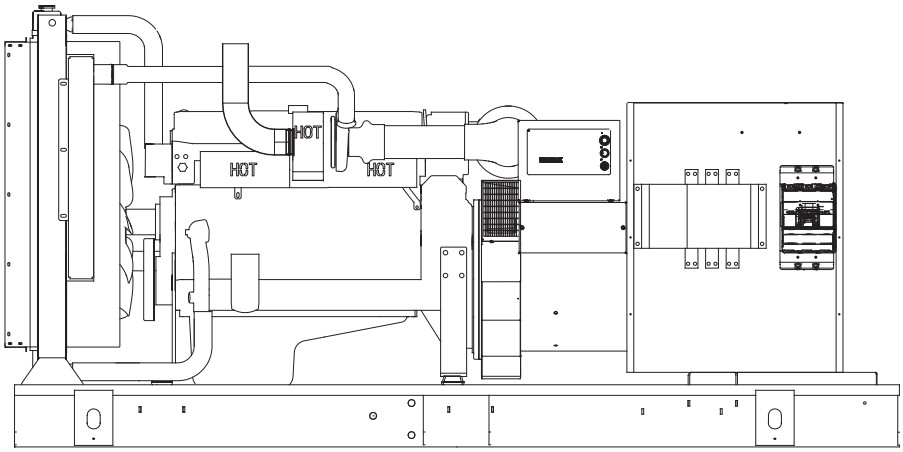


Image used for illustration purposes only

Codes and Standards

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL489

NFPA 37, 70, 99, 110

NEC700, 701, 702, 708

ISO 3046, 7637, 8528, 9001

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SD300 | 10.3L | 300 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

ENGINE SYSTEM

- Oil Drain Extension
- Heavy Duty Air Cleaner
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil & Coolant
- Radiator Duct Adapter (Open Set Only)

Fuel System

- Fuel Lockoff Solenoid
- Primary Fuel Filter

Cooling System

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene Glycol Antifreeze
- 120 VAC Coolant Heater

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- GENprotect™
- 12 Leads (3-Phase, Non 600V)
- Class H Insulation Material
- Vented Rotor
- 2/3 Pitch
- Skewed Stator
- Auxiliary Voltage Regulator Power Winding
- Permanent Magnet Excitation
- Sealed Bearing
- Automated Manufacturing (Winding, Insertion, Lacing, Varnishing)
- Rotor Dynamically Spin Balanced
- Amortisseur Winding
- Full Load Capacity Alternator
- Protective Thermal Switch

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Multiple Breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- 1 Year Limited Warranty (Prime Rated Units)
- Silencer Mounted in the Discharge Hood (Enclosed Only)

ENCLOSURE (if selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- Rhino Coat™ - Textured Polyester Powder Coat Paint

TANKS (if selected)

- UL 142
- Double Wall
- Vents
- Sloped Top
- Sloped Bottom
- Factory Pressure Tested (2 psi)
- Rupture Basin Alarm
- Fuel Level
- Check Valve In Supply and Return Lines
- Rhino Coat™ - Textured Polyester Powder Coat Paint
- Stainless Steel Hardware

CONTROL SYSTEM

Digital H Control Panel- Dual 4x20 Display

Program Functions

- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- 3 Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/Sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus® protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- kW Hours, Total & Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Overspeed
- Battery Voltage
- Alarms & Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms & Warnings
- Alarms and Warnings Spelled Out (No Alarm Codes)

SD300 | 10.3 | 300 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- ○ Oil Make-Up System
- ○ Oil Heater
- ○ Critical Exhaust Silencer

FUEL SYSTEM

- ○ Flexible Fuel Lines
- ○ Primary Fuel Filter

ELECTRICAL SYSTEM

- ○ 10A UL Battery Charger
- ○ Battery Warmer

ALTERNATOR SYSTEM

- ○ Alternator Upsizing
- ○ Anti-Condensation Heater
- ○ Tropical Coating

CIRCUIT BREAKER OPTIONS

- ○ Main Line Circuit Breaker
- ○ 2nd Main Line Circuit Breaker
- ○ Shunt Trip and Auxiliary Contact
- ○ Electronic Trip Breakers

GENERATOR SET

- ○ GenLink® Communications Software (English Only)
- ○ Extended Factory Testing
- ○ IBC Seismic Certification
- ○ 8 Position Load Center
- ○ 2 Year Extended Warranty
- ○ 5 Year Warranty
- ○ 5 Year Extended Warranty
- ○ 7 Year Extended Warranty
- ○ 10 Year Extended Warranty

ENCLOSURE

- ○ Standard Enclosure
- ○ Level 1 Sound Attenuation
- ○ Level 2 Sound Attenuation
- ○ Steel Enclosure
- ○ Aluminum Enclosure
- ○ Up to 200 MPH Wind Load Rating*
- ○ AC/DC Enclosure Lighting Kit
- ○ 12 VDC Enclosure Light Kit
- ○ 120 VAC Enclosure Light Kit

CONTROL SYSTEM

- ○ NFPA 110 Compliant 21-Light Remote Annunciator
- ○ Remote Relay Assembly (8 or 16)
- ○ Oil Temperature Sender with Indication Alarm
- ○ Remote E-Stop (Break Glass-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Flush Mount)
- ○ Remote Communication - Modem
- ○ Remote Communication - Ethernet
- ○ 10A Run Relay
- ○ Ground Fault Indication and Protection Functions

TANKS (SIZE ON LAST PAGE)

- ○ Electric Fuel Level
- ○ Mechanical Fuel Level
- ○ 8” Fill Extension
- ○ 13” Fill Extension
- ○ 19” Fill Extension

ENGINEERED OPTIONS

ENGINE SYSTEM

- ○ Coolant Heater Ball Valves
- ○ Fluid Containment Pan

CONTROL SYSTEM

- ○ Spare Inputs (x4) / Outputs (x4)
- ○ Battery Disconnect Switch

ALTERNATOR SYSTEM

- ○ 3rd Breaker System

GENERATOR SET

- ○ Special Testing

ENCLOSURE

- ○ Motorized Dampers

TANKS

- ○ Overfill Protection Valve
- ○ UL2085 Tank
- ○ ULC S-601 Tank
- ○ Special Fuel Tanks
- ○ Vent Extensions

RATING DEFINITIONS

Standby - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.

Prime - Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. A 10% overload capacity is available for 1 out of every 12 hours. The Prime Power option is only available on International applications. Power ratings in accordance with ISO 8528-1, Second Edition.

*Consult factory for availability

SD300 | 10.3L | 300 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Iveco/FPT
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	6
Type	In-Line
Displacement - L (cu. in)	10.3 (628.54)
Bore - mm (in)	125 (4.92)
Stroke - mm (in)	140 (5.51)
Compression Ratio	16.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head	4-Valve
Piston Type	Aluminum
Crankshaft Type	Dropped Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow
Crankcase Capacity - L (qts)	30 (31.68)

Cooling System

Cooling System Type	Closed Recovery
Water Pump Type	Pre-Lubed, Self Sealing
Fan Type	Pusher
Fan Speed (rpm)	2250
Fan Diameter - mm (in)	762 (30.0)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Inject Pump Make	Electronic
Fuel Pump Type	Engine Driven Gear
Injector Type	Common Rail
Engine Type	Direct Injection
Fuel Supply Line - mm (in.)	12.7 (0.5) NPT
Fuel Return Line - mm (in.)	12.7 (0.5) NPT

Engine Electrical System

System Voltage	24 VDC
Battery Charger Alternator	Std
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	520 mm Generac
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	< 50

Standard Excitation	Permanent Magnet Excitation
Bearings	Single Sealed Cartridge
Coupling	Direct, Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

SD300 | 10.3 | 300 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

OPERATING DATA

POWER RATINGS

	Standby		Prime	
Three-Phase 120/208 VAC @0.8pf	300 kW	Amps: 1041	270 kW	Amps: 937
Three-Phase 120/240 VAC @0.8pf	300 kW	Amps: 902	270 kW	Amps: 812
Three-Phase 277/480 VAC @0.8pf	300 kW	Amps: 451	270 kW	Amps: 406
Three-Phase 346/600 VAC @0.8pf	300 kW	Amps: 361	270 kW	Amps: 325

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

480 VAC							
Alternator	kW	10%	15%	20%	25%	30%	35%
Standard	350	383	575	767	958	1150	1342
Upsize 1	400	387	581	775	968	1162	1356
Upsize 2	500	457	686	914	1143	1371	1600

208/240 VAC							
Alternator	kW	10%	15%	20%	25%	30%	35%
Standard	350	280	410	535	640	770	900
Upsize 1	400	210	350	500	680	875	1100
Upsize 2	450	345	570	835	1100	1460	1710

FUEL CONSUMPTION RATES*

Fuel Pump Lift- ft (m)
3 (1)

Total Fuel Pump Flow (Combustion + Return) - gal/hr (l/hr)
31 (117)

Diesel - gal/hr (l/hr)

Percent Load	Standby	Prime
25%	7.6 (28.7)	6.9 (26.1)
50%	12.6 (47.7)	11.6 (43.9)
75%	17.4 (65.9)	15.8 (59.8)
100%	22.1 (83.7)	19.9 (75.3)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby	Prime
Coolant Flow per Minute	gal/min (l/min)	95 (360)	95 (360)
Coolant System Capacity	gal (l)	16.6 (63)	16.6 (63)
Heat Rejection to Coolant	BTU/hr	814,783	733,673
Inlet Air	cfm (m^3/hr)	14,505 (411)	14,505 (411)
Maximum Radiator Backpressure	in H_2O	0.5	0.5

COMBUSTION AIR REQUIREMENTS

	Standby	Prime
Flow at Rated Power cfm (m^3/min)	850 (24.07)	765 (21.67)

ENGINE

		Standby	Prime
Rated Engine Speed	rpm	1800	1800
Horsepower at Rated kW**	hp	480	432
Piston Speed	ft/min	1654	1654
BMEP	psi	336	302

EXHAUST

		Standby	Prime
Exhaust Flow (Rated Output)	cfm (m^3/min)	2240 (63.4)	2016 (57.1)
Max. Backpressure (Post Silencer)	in Hg (Kpa)	1.5 (5.1)	1.5 (5.1)
Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	1020 (549)	918 (492)
Exhaust Outlet Size (Open Set)	mm (in)	101.6 (4)	101.6 (4)

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

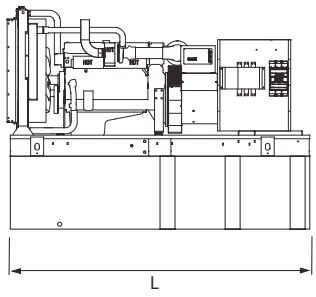
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

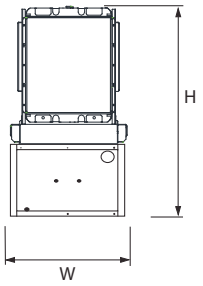
SD300 | 10.3L | 300 kW

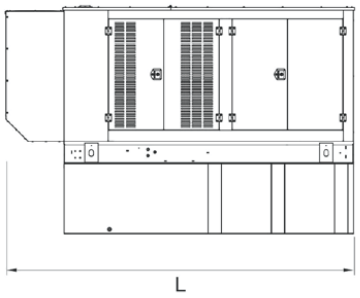
INDUSTRIAL DIESEL GENERATOR SET

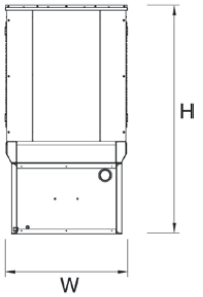
EPA Certified Stationary Emergency

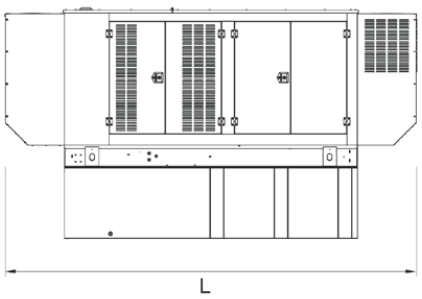
DIMENSIONS AND WEIGHTS*

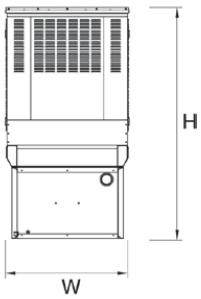


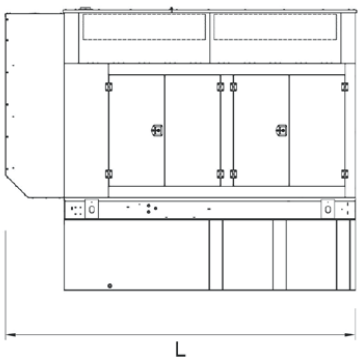


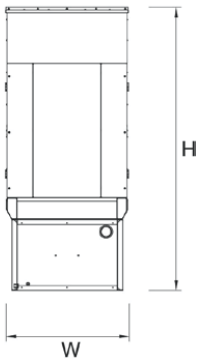












OPEN SET (Includes Exhaust Flex)

Run Time Hours	Usable Capacity Gal (L)	L x W x H in (mm)	Weight lbs (kg)
No Tank	-	136 (3454) x 58 (1473) x 68 (1727)	5816 (2638)
8	183 (693)	136 (3454) x 58 (1473) x 81 (2057)	6764 (3068)
20	438 (1659)	136 (3454) x 58 (1473) x 93 (2362)	7076 (3210)
31	693 (2624)	136 (3454) x 58 (1473) x 105 (2667)	7379 (3347)
43	946 (3518)	208 (5283) x 58 (1473) x 108 (2743)	8841 (4010)
60	1325 (5015)	278 (7061) x 58 (1473) x 108 (2743)	9856 (4471)

STANDARD ENCLOSURE

Run Time Hours	Usable Capacity Gal (L)	L x W x H in (mm)	Weight lbs (kg)	
			Steel	Aluminum
No Tank	-	175 (4445) x 58 (1473) x 78 (1981)		
8	183 (693)	175 (4445) x 58 (1473) x 91 (2311)		
20	438 (1659)	175 (4445) x 58 (1473) x 103 (2616)	1295 (588)	501 (227)
31	693 (2624)	175 (4445) x 58 (1473) x 115 (2921)		
43	946 (3518)	208 (5283) x 58 (1473) x 118 (2997)		
60	1325 (5015)	278 (7061) x 58 (1473) x 118 (2997)		

LEVEL 1 ACOUSTIC ENCLOSURE

Run Time Hours	Usable Capacity Gal (L)	L x W x H in (mm)	Weight lbs (kg)	
			Steel	Aluminum
No Tank	-	200 (5080) x 58 (1473) x 78 (1981)		
8	183 (693)	200 (5080) x 58 (1473) x 91 (2311)		
20	438 (1659)	200 (5080) x 58 (1473) x 103 (2616)	1470 (667)	935 (425)
31	693 (2624)	200 (5080) x 58 (1473) x 115 (2921)		
43	946 (3518)	234 (5944) x 58 (1473) x 118 (2997)		
60	1325 (5015)	304 (7722) x 58 (1473) x 118 (2997)		

LEVEL 2 ACOUSTIC ENCLOSURE

Run Time Hours	Usable Capacity Gal (L)	L x W x H in (mm)	Weight lbs (kg)	
			Steel	Aluminum
No Tank	-	180.6 (4588) x 57.6 (1463) x 107.2 (2724)		
8	183 (693)	180.6 (4588) x 57.6 (1463) x 120 (3048)		
20	438 (1659)	180.6 (4588) x 57.6 (1463) x 132 (3353)	2515 (1141)	1131 (514)
31	693 (2624)	180.6 (4588) x 57.6 (1463) x 144 (3658)		
43	946 (3518)	208 (5283) x 57.6 (1463) x 148(3759)		
60	1325 (5015)	278 (7061) x 57.6 (1463) x 146 (3708)		

* All measurements are approximate and for estimation purposes only.

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189
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Part No 0185620SBY
Rev. F 06/07/16

APPENDIX G

Transportation Impact Study

FEHR PEERS

1242 20th Street Wellness Center

Transportation Impact Study

Date: November 2020

Prepared for:
DUDEK
City of Santa Monica

Project Number: LA-2917

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EXECUTIVE SUMMARY

In support of the Environmental Impact Report being prepared in accordance with CEQA, this study was undertaken to analyze the potential transportation impacts of the proposed 20th Street Wellness Center project (the proposed project) at the northwest corner of 20th Street and Arizona Avenue in the City of Santa Monica. This report describes existing transportation network conditions, identifies the base assumptions and methods used to analyze the project's transportation impacts on vehicle miles of travel (VMT), and summarizes the findings of the analysis. The key findings and conclusions of the study are summarized below.

PROJECT SITE

The project site consists of an approximately 45,009 sf lot comprised of two parcels addressed as 1925 Arizona Avenue and 1242 20th Street in the City of Santa Monica.

- The 1925 Arizona Avenue parcel (APN 4276-013-033) is currently occupied with a restaurant housed in the GKG Building (a 2-story Tudor Revival-style structure) with a connected 4-car garage, and a surface parking lot.
- The 1234 -1242 20th Street parcel (APN 4276-013-032) is developed with two 2-story structures (one former residential 7-unit building and one 3-unit building) currently leased as office space, as well as surface parking spaces adjacent to the buildings.

The project site is approximately 0.7-mile walking distance northeast of Metro's 17th Street/Santa Monica College Station for the Metro E light rail and is well-served by bus transit service, including Big Blue Bus and Metro buses. Additionally, the project site is located less than 0.25 mile walking distance from the Big Blue Bus Rapid 10 and Metro Rapid 704 bus stop at the corner of Santa Monica Boulevard & 20th Street.

PROJECT DESCRIPTION

The proposed 1242 20th Street Wellness Center Project (proposed project) would involve the development of an approximately 67,513 square foot (sf) facility dedicated to medical research and development and an office and outpatient "Wellness Center" on the project site. The proposed project would include the construction of a new 3-story building adjacent to the existing historic Tudor-style building, which would be partially preserved in its current condition, and partially renovated/adaptively reused as part of the Wellness Center. The proposed Wellness Center would provide medical-related research & development (R&D) uses and clinical/medical office space in the City of Santa Monica's Healthcare Mixed Use (HMU) District. The existing restaurant on the site would remain and is not part of the proposed project.

A subterranean five-level parking structure with 272 vehicle parking spaces would be constructed. Code-required parking for the restaurant as well as bicycle parking, EV charging spaces, employee locker and shower facilities would be within the parking garage. Vehicular access for the project is proposed from 19th Court alley on the west side of the project site. Vehicles would turn into the two-way alley from either Arizona Avenue or Wilshire Boulevard. The existing unused curb cuts located along 20th Street would be removed.

An estimated 206 employees would be employed by the Project. In accordance with the City's Transportation Demand Management Ordinance, the project would implement a TDM plan.

SUMMARY OF PROJECT IMPACTS

Vehicle Miles Traveled Impact Assessment

Section 15064.3 of the CEQA Guidelines was added by the Office of Planning and Research on December 28, 2018, and states that vehicles miles traveled (VMT) is the appropriate measure of transportation impacts for projects subject to CEQA. Section 15064.3(c) also states that the provisions of this section shall apply prospectively (i.e., only applicable to new projects after date of adoption) and must be implemented statewide by July 1, 2020. On June 9, 2020, in accordance with Section 15054.3 of the CEQA Guidelines, the City adopted a new process for analyzing the transportation impacts of land use and transportation projects subject to CEQA. For land use projects in Santa Monica, the analysis consists of a two-step process which includes VMT screening and, if necessary, VMT analysis.

The proposed project was compared to the City's VMT screening criteria and was determined to not require a VMT analysis because the proposed project is located within 0.25 miles of rapid BRT transit service and does not provide more parking than is required by City code. As such, the proposed project is considered to have a less than significant impact and further VMT analysis was not conducted for the proposed project or any alternatives.

1. INTRODUCTION

Fehr & Peers evaluated the potential transportation impacts of a proposed Wellness Center project at 20th Street and Arizona Avenue in the City of Santa Monica. This report identifies the baseline transportation conditions, describes the methodology and assumptions for the analysis of project impacts relative to Vehicle Miles Traveled (VMT), summarizes the findings of the analysis and provides a comparison of the project impacts to those of alternatives for the project.

PROJECT SITE

The project site is located in the City of Santa Monica (City), in the western portion of Los Angeles County. The City of Santa Monica is a fully urbanized community and is bounded by the City of Los Angeles on the north, south, and east with the Pacific Ocean on the west. Specifically, the project site is bordered by 20th Street on the east, Arizona Avenue to the south, the 19th Court alley to the west, and the Lighthouse Church and School to the north.

The project site consists of an approximately 45,009 sf lot (1.03 acres) is comprised of two parcels addressed as 1925 Arizona Avenue and 1242 20th Street in the City of Santa Monica.

- The 1925 Arizona Avenue parcel (APN 4276-013-033) is currently occupied with a restaurant (opened in March 2020) housed in the GKG Building (a 2-story Tudor Revival-style structure) with a connected 4-car garage, and a surface parking lot.
- The 1234-1242 20th Street parcel (APN 4276-013-032) is developed with two 2-story structures (one former residential 7-unit building and one 3-unit building) currently leased as office space, as well as surface parking spaces adjacent to the buildings.

SURROUNDING USES

The project site is located in Mid-City, north of Santa Monica Boulevard within the HMU District. The HMU District includes the City's two major hospitals: Santa Monica-UCLA Medical Center and the Providence Saint John's Health Center (PSJHC), and encompasses a mix of medical-related, healthcare, residential, and commercial land uses.

The project site is located less than 0.25 mile walking distance from the Big Blue Bus Rapid 10 and Metro Rapid 704 bus stop at the corner of Santa Monica Boulevard & 20th Street and is well-served by bus transit including these and other Big Blue Bus and Metro buses. Additionally, the project site is approximately 0.7-mile walking distance northeast of Metro's 17th Street/Santa Monica College Station for the Metro E light rail.

PROJECT DESCRIPTION

The proposed 1242 20th Street Wellness Center Project (proposed project) would involve the development of an approximately 67,513 square foot (sf) facility dedicated to medical research and development and an office and outpatient "Wellness Center" located at 1925 Arizona Avenue and 1242 20th Street in the City of Santa Monica. The proposed project would include the construction of a new 3-story building adjacent to an existing historic Tudor-style building, which would be partially preserved in its current condition, and partially renovated/adaptively reused as part of the Wellness Center. The proposed Wellness Center would

provide medical-related research & development (R&D) uses and clinical/medical office space in the City of Santa Monica's Healthcare Mixed Use (HMU) District. The existing restaurant on the site would remain and is not part of the proposed project.

A subterranean five-level parking structure with 272 vehicle parking spaces would be constructed. Code-required parking for the restaurant as well as bicycle parking, EV charging spaces, employee locker and shower facilities would also be provided within the parking garage. Vehicular access for the subterranean parking is proposed from 19th Court alley on the west side of the project site. Vehicles would turn into the alley from either Arizona Avenue and/or Wilshire Boulevard.

An estimated 206 employees would be employed by the project. In accordance with the City's Transportation Demand Management Ordinance (Santa Monica Municipal Code Section 9.53), the project would implement a TDM plan.

Figure 1A shows the site plan of the proposed project with vehicular access via 19th Court Alley, as proposed by the applicant. **Figure 1B** presents a conceptual plan for a site access alternative that locates primary vehicular access on 20th Street.

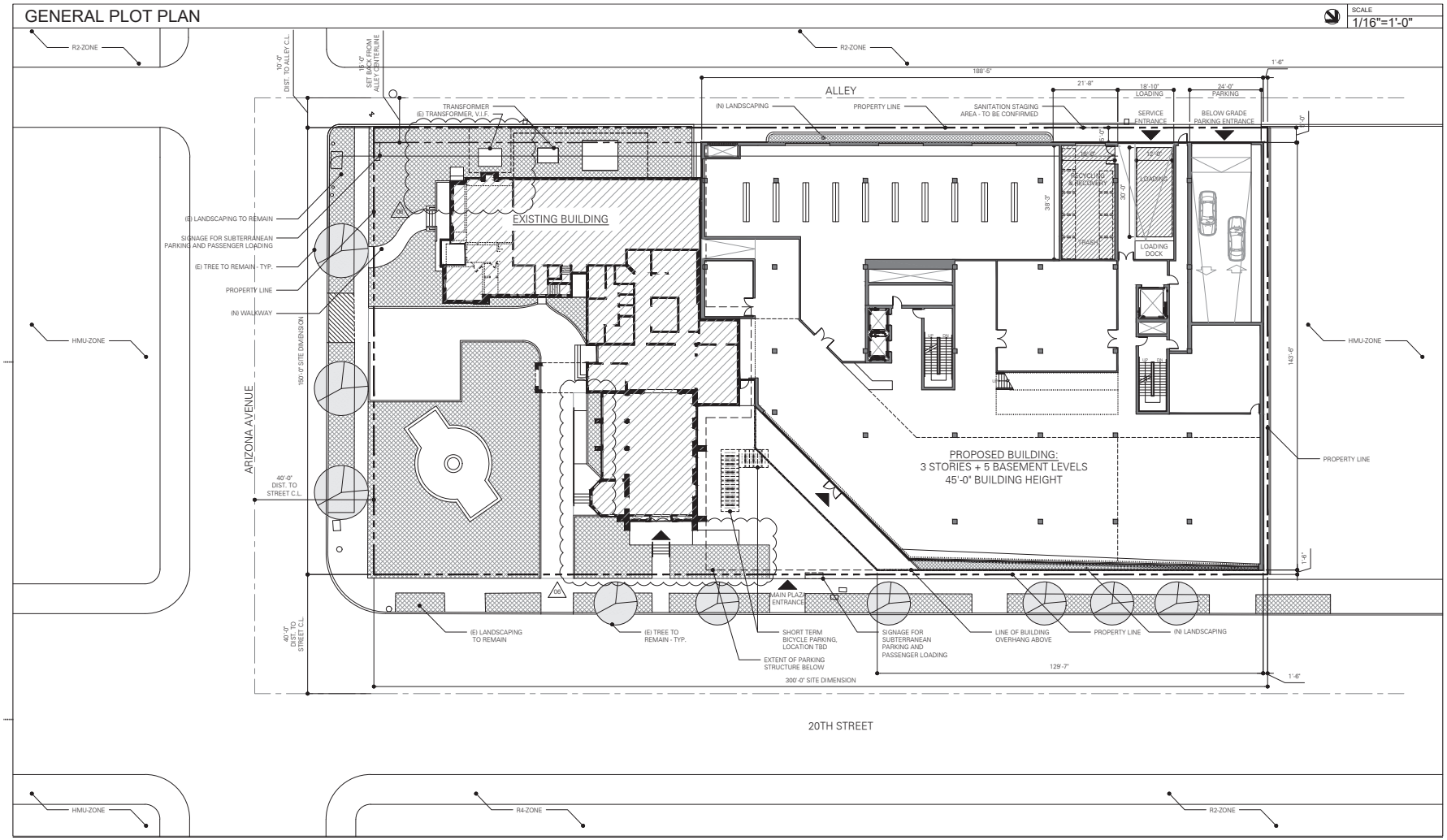
STUDY SCOPE

In accordance with the California Environmental Quality Act (CEQA) and City's adopted transportation study requirements for projects subject to CEQA, this study analyzes vehicles miles traveled for the proposed project and the CEQA-required alternatives to the project.

Section 15064.3 of the CEQA Guidelines was added by the Office of Planning and Research on December 28, 2018, and states that vehicles miles traveled (VMT) is the appropriate measure of transportation impacts for projects subject to CEQA. Section 15064.3(c) also states that the provisions of this section shall apply prospectively (i.e., only applicable to new projects after date of adoption) and must be implemented statewide by July 1, 2020. On June 9, 2020, the City adopted a new process for analyzing the transportation impacts of land use and transportation projects. For land use projects in Santa Monica, the analysis consists of a two-step process which includes VMT screening and, if necessary, VMT analysis.

ORGANIZATION OF REPORT

This report is divided into four chapters, including this introduction, Chapter 1. Chapter 2 describes the existing transportation system and mobility options (including the roadway network, public transit, bicycle/pedestrian facilities). Chapter 3 applies the City's methodology for analyzing vehicles miles traveled (VMT) to the project as required by CEQA. Chapter 4 describes the project alternatives and VMT screening review for each alternative.

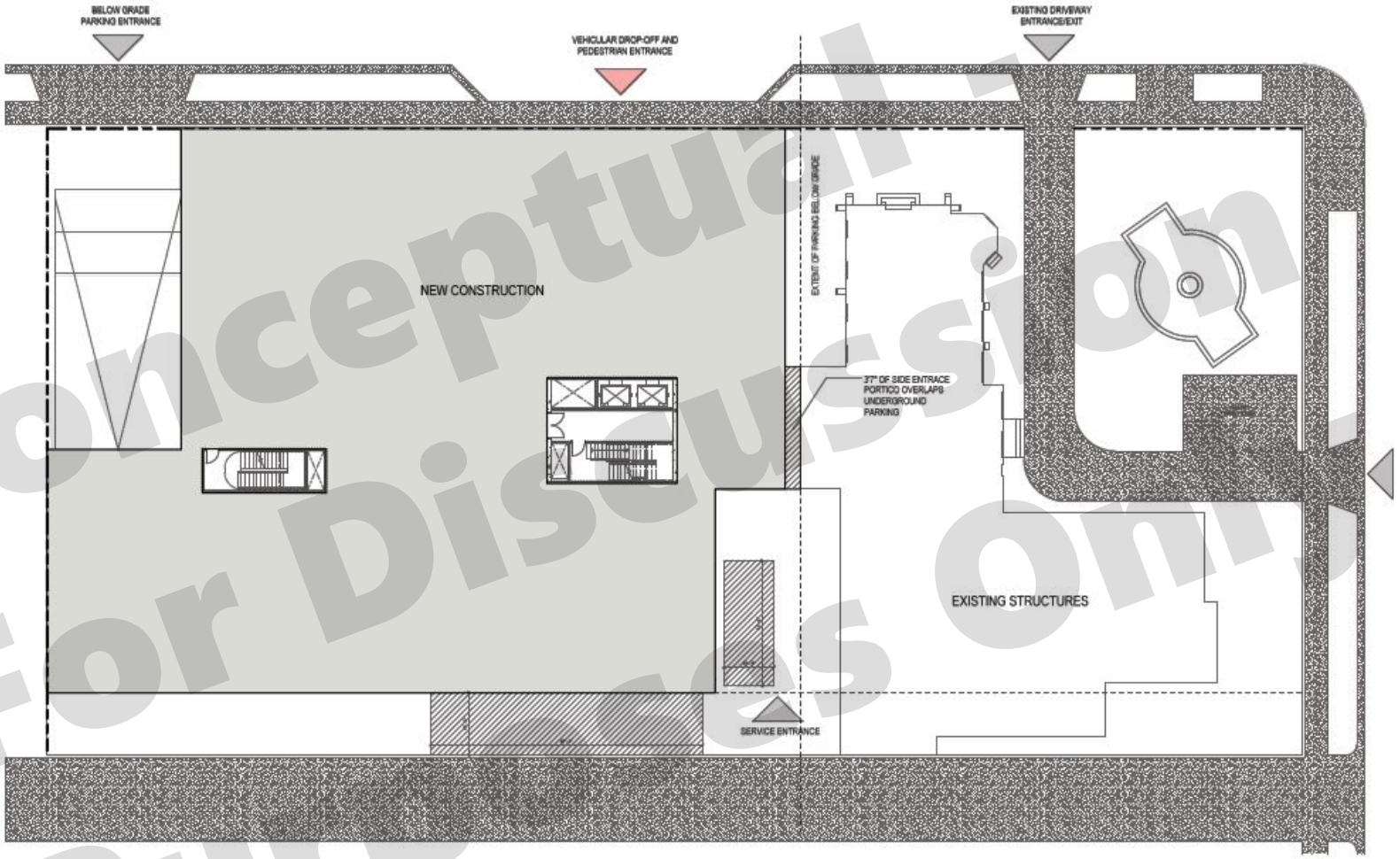


Source: Neil M. Denari Architects, Inc. 09.01.20

Figure 1A

Proposed Project Site Plan - 19th Court Alley Access

LEVEL 01



Conceptual - For Discussion Purposes Only

Source: 1925 Arizona, LLC

Figure 1B

Conceptual Site Plan - 20th Street Access

2. ENVIRONMENTAL SETTING

The project site is located at the northwest corner of 20th Street & Arizona Avenue, approximately one mile east of downtown Santa Monica in the Health Care Mixed Use (HMU) district of the City. The project site is bounded by an alley (19th Court) to the west, 20th Street to the east, a private school to the north, and Arizona Avenue to the south. The project area includes an urban mix of medical office, hospital, institutional, retail/restaurant, and residential uses. A network of streets and sidewalks serving all modes of transportation supports trip circulation throughout the city, intermixing automobiles, buses, and people walking and bicycling.

EXISTING LAND USES

The project site is surrounded by a mix of residential and commercial land uses. Directly to the north of project site is the Lighthouse Church and School, which separates the project site from a mixed-use area along Wilshire Boulevard comprising commercial services and neighborhood shopping nodes. A mix of multi-family residential uses and commercial uses are located to the east of the project site, including the four-story Ambrose Hotel and a commercial building with a mix of restaurant, florist, and neighborhood pharmacy uses. Existing development located south of the project site generally consists of two- to three-story residential buildings and medical/healthcare related buildings, including the Providence Saint John's Health Center Campus. The area west of the project site comprises single-family and multi-family residential uses adjacent to the project site across 19th Court Alley.

EXISTING STREET SYSTEM

The Santa Monica Freeway (I-10) provides east/west access across the City of Santa Monica to the City of Los Angeles, and also connects to the San Diego Freeway (I-405) and PCH. The nearest I-10 freeway access ramp to the project site is at 20th Street (eastbound off-ramp and westbound on-ramp) and at Cloverfield Boulevard (westbound off-ramp and eastbound on-ramp). Other nearby I-10 access ramp locations include Lincoln Boulevard to the west and Centinela Avenue to the east.

The LUCE defines the street system according to its use by various modes including walking, biking, transit, and automobile. These street types include Boulevard, Major Avenue, Secondary Avenue, Minor Avenue, Neighborhood Street, and Alley. The city streets surrounding the proposed project are described below and include the following street types:

- Boulevard – Boulevards are regional transportation corridors with continuous mixed-use and commercial land uses. Boulevards provide access for all forms of transportation but emphasize transit and walking. Regional auto traffic is accommodated here in order to minimize regional traffic on parallel local streets. Wilshire Boulevard, Santa Monica Boulevard, and Pico Boulevard are classified as boulevards near the study site. Boulevards typically provide two vehicle lanes in each direction, often have metered on-street parking, and typically do not have bicycle lanes although bicycle routes or "sharrows" may be posted.

- Avenue: Major – These streets serve regional automobile trips and provide access for all modes of transportation. They are designed to discourage regional auto traffic from using Secondary or Minor Avenues. Major Avenues in the study area include Cloverfield Boulevard south of Santa Monica

Boulevard, 26th Street south of Broadway, and Centinela Avenue south of Olympic Boulevard. These streets typically do not allow on-street parking or stopped vehicles.

- Avenue: Secondary – These streets distribute auto trips onto Minor Avenues and Neighborhood Streets, often serving regional bicycle trips. Secondary Avenues in the study area include Broadway west of 26th Street, Colorado Avenue, 20th Street, 26th Street north of Broadway, and Centinela Avenue north of Olympic Boulevard. These streets are generally a single vehicle lane in each direction. These streets may include on-street parking, such as along Broadway.

- Avenue: Minor – These streets serve local auto and bicycle trips. Minor Avenues in the study area include Stewart Street, Nebraska Avenue, and Broadway east of 26th Street. These streets typically provide a single vehicle lane in each direction and typically provide on-street parking for residents, visitors and loading zones. All three of these streets provide bicycle lanes.

- Avenue: Industrial – These are minor streets that serve industrial areas. Pennsylvania Avenue is classified as an Industrial Avenues in the study area. These streets typically provide a single vehicle lane in each direction and typically provide on-street parking for visitors and loading zones.

- Neighborhood Street – These streets provide access primarily to abutting uses. Autos travel slowly enough to stop for people in the street. 17th Street is a Neighborhood Street in the study area. These streets provide a single vehicle lane in each direction and typically have on-street parking for residents, visitors, and loading zones.

- Alley – Alleys provide local property access. North-south alleys are located on most blocks in the area around the project site. East-west alleys are located along commercial corridors of Wilshire Boulevard and Santa Monica Boulevard.

East/West Streets

- **Montana Avenue** is designated a Secondary Avenue within the study area, with one travel lane in each direction, on-street parking provided on both sides of the street and left-turn pockets at major intersections.

- **Wilshire Boulevard** is designated a Boulevard within the study area, with two travel lanes in each direction, on-street parking provided on both sides of the street and left-turn pockets at most intersections.

- **Arizona Avenue** is designated a Minor Avenue from 14th Street to 23rd Street and a Neighborhood Street east of 23rd Street, with one travel lane and a bike lane in each direction and on-street parking provided on both sides of the street throughout the study area.

- **Santa Monica Boulevard** is designated a Boulevard within the study area, with two travel lanes in each direction and on-street parking provided on one or both sides of the street through most of the study area. Left-turn pockets are present at signalized intersections.

- **Broadway** is designated a Secondary Avenue within the study area, with one travel lane and a green-painted bicycle lane in each direction, as well as on-street parking provided on both sides of the street. Left-turn pockets are present at major intersections.

- **Colorado Avenue** is designated a Secondary Avenue within the study area, with one travel lane in each direction, separated by at-grade tracks for the Expo Line, which run along the center of the street west of 17th Street. East of 17th Street, Colorado Avenue has two travel lanes in each direction and on-street parking on one or both sides of the street throughout most of the study area.

- **Olympic Boulevard** is designated a Parkway within the study area, with two travel lanes in each direction separated by a wide, tree-lined median. On-street parking is provided on both sides of the street, and left-turn pockets are present at most signalized intersections.

- **Pico Boulevard** is designated a Boulevard within the study area, with two travel lanes in each direction, on-street parking provided on both sides of the street and left-turn pockets at most intersections.

North/South Streets

- **14th Street** is designated a Minor Avenue within the study area with one travel lane in each direction with bike lanes and on-street parking on each side of the street. Left-turn pockets are present at intersections.

- **17th Street** is designated a Neighborhood Street within the study area, with one travel lane and a bike lane in each direction, as well as on-street parking provided on both sides of the street. Left-turn pockets are present at major intersections.

- **20th Street** is designated a Secondary Avenue within the study area, with one travel lane and painted bike sharrows in each direction north of Wilshire Boulevard and two travel lanes and painted bike sharrows in each direction south of Wilshire Boulevard. On-street parking is provided on one or both sides of the street through most of the study area. Right- and/or left-turn pockets are present at major intersections. Raised medians separate northbound and southbound travel lanes at each approach to the signalized Expo Line crossing.

- **23rd Street** is designated a Neighborhood Street within the study area, with one travel lane in each direction and on-street parking provided on both sides of the street.

- **Cloverfield Boulevard** is designated a Major Avenue within the study area, with two travel lanes in each direction north of Colorado Avenue. South of Colorado Avenue, Cloverfield Boulevard has three travel lanes in the southbound direction and two travel lanes in the northbound direction. Two left-turn lanes are present at the northbound approach to Colorado Avenue, both northbound and southbound approaches to Olympic Boulevard, and at the southbound approach to the I-10 eastbound on-ramp. Single left-turn pockets are present at most other intersections. A tree-lined median separates the northbound and southbound travel lanes between Olympic Boulevard and Michigan Avenue. There is no on-street parking permitted on Cloverfield Boulevard in the study area.

- **26th Street** is designated a Secondary Avenue within the study area, with one travel lane and painted bike sharrows in each direction and a center turn lane. Left-turn pockets are provided at signalized intersections, and on-street parking is provided on both sides of the street throughout the study area.

EXISTING PUBLIC TRANSIT SERVICE

The study area is well-served by public transit, including Santa Monica's Big Blue Bus, Los Angeles County Metropolitan Transportation Authority (Metro) buses, and the Metro Expo Line (**Figure 2**). The project site is accessible by bus transit from most of Santa Monica and much of the Los Angeles metropolitan area including Downtown Los Angeles, UCLA/West Los Angeles, Century City, Venice, and Culver City. As a result of the availability of transit services, the project site is designated as being within a Transit Priority Area (TPA) and a High Quality Transit Area (HQTA) per the Southern California Association of Governments (SCAG)'s 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and the Connect SoCal, the 2020-2045 RTP/SCS, updated as of June 2019. A HQTA is within one-half mile from major transit stops and from high quality transit corridors and developed based on the language in Senate Bill 375. Major transit stop is defined as a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods (CA Public Resource Code Section 21064.3).

All transit service descriptions provided below reflect pre-COVID-19 conditions.

Metro Exposition Light Rail Access

The project site is located approximately 0.7 miles walking distance from the 17th Street/Santa Monica College station of the Exposition Light Rail (Expo Line), which runs along Colorado Avenue between downtown Santa Monica and downtown Los Angeles. The Expo Line started operation in Santa Monica in May 2016 and provides service every 6 minutes during weekday peak periods and every 12 minutes during weekday off-peak periods and on weekends.

Metro and Big Blue Bus Access

Figure 2 shows the existing transit services within ½ mile radius of the project site. There are six fixed-route bus routes with stops within ¼-mile of the project site:

- Big Blue Bus Line 1 (Santa Monica Boulevard) – Line 1 runs from Marina Del Rey and Venice through downtown Santa Monica to UCLA. Service headways of about 10 minutes are provided during weekday peak periods and about 15 minutes during weekday off-peak periods and on weekends. The stop closest to the project site is at 20th Street and Santa Monica Boulevard.

- Big Blue Bus Line 2 (Wilshire Boulevard) – Line 2 runs from downtown Santa Monica to UCLA. Service headways of about 15 minutes are provided during weekday peak periods and about 20 minutes during weekday off-peak periods and on weekends. The stop closest to the project site is at 20th Street and Wilshire Boulevard.

- Metro Line 4 (Santa Monica Boulevard) – Line 4 provides local service on Santa Monica Boulevard between Santa Monica and Downtown Los Angeles. It serves the study area only during the early morning and late night hours (not during peak hours) with off-peak headways of about 20 minutes. The stop closest to the project is at 20th Street and Santa Monica Boulevard.

- Big Blue Bus Rapid 10 (Downtown LA Freeway Express) – Rapid 10 provides express service via the Santa Monica Freeway from Santa Monica to downtown Los Angeles. This line operates with headways of approximately 15 minutes during the peak hours. The bus stop closest to the project is

on is 20th Street and Santa Monica Boulevard, which is less than 0.25 mile walking distance from the project.

- Metro Line 20 (Wilshire Boulevard) – Line 20 provides local service on Wilshire Boulevard between Santa Monica and Downtown Los Angeles. It serves the study area only during the early morning and late night hours (not during peak hours) with off-peak headways of about 15 minutes. The stop closest to the project is at 20th Street and Wilshire Boulevard.

- Big Blue Bus Lines 41 and 42 (20th Street) – Lines 41 and 42 offer loop service clockwise and counterclockwise, respectively, on 17th Street and 20th Street between the 17th Street Expo Line Station and the Montana shopping district north of downtown Santa Monica. Service headways of about 15 minutes are provided during peak periods and every 25 or 35 minutes during off-peak periods on both weekdays and weekends. The stop closest to the project site is on 20th Street near Arizona Avenue.

There are seven rapid, express, or on-demand bus routes that operate within a two-mile radius of the project site, including the Big Blue Bus Rapid 10 described above:

- Big Blue Bus Rapid 3 (Lincoln Boulevard) – Rapid 3 runs from the Metro Green Line/Aviation Station along Lincoln Boulevard to downtown Santa Monica via Lincoln Boulevard. Headways are approximately 10 to 15 minutes during weekday peak periods and 20 minutes during the weekend peak. The stop closest to the project is at 4th Street and Colorado Boulevard.
- Big Blue Bus Rapid 7 (Pico Boulevard) – Rapid 7 runs from 7th/Olympic in Downtown Santa Monica to Rimpau Transit Center via Pico Boulevard. Rapid 7 provides service with 7- to 12-minute headways during weekday peak hours and 25 to 30 minutes on weekends. The stop closest to the project is on 7th Street and Olympic Boulevard.
- Metro Line 534 (Malibu Express) – Line 534 runs from Malibu through to Santa Monica via PCH. The stop closest to the project is 7th Street and Olympic Boulevard, which is the beginning of the line.
- Metro Line 704 (Santa Monica Boulevard) – Line 704 offers limited service on Santa Monica Boulevard between Santa Monica and downtown Los Angeles. Buses run at 10- to 15-minute headways during peak weekday hours. The stop closest to the project is at 20th Street and Santa Monica Boulevard, which is less than 0.25 mile walking distance from the project.
- Metro Line 720 (Wilshire Boulevard) – Line 720 offers limited service on Wilshire Boulevard, continuing to an eastern terminus in the City of Commerce. Buses run at up to 8-minute headways during peak weekday hours. The stop closest to the project is at Lincoln Boulevard and Wilshire Boulevard.
- Blue @ night – Blue at Night is an on-demand service provided to and from the 17th Street/SMC Expo Line Station from 8:00 PM – 3:00 AM Friday and Saturday, serving a radius of approximately two miles around the station.

Legend *Leyenda*

Big Blue Bus Routes
Rutas de Big Blue Bus

- 1 Main St & Santa Monica Blvd
- 2 Wilshire Blvd
- 3 Lincoln Blvd
- rapid 3 Lincoln Blvd Rapid
- 5 Olympic Blvd – Century City
- 7 Pico Blvd
- rapid 7 Pico Blvd Rapid
- 8 UCLA/Westwood & Ocean Park Blvd
- 9 Pacific Palisades
- rapid 10 Downtown LA Freeway Express^
- rapid 12 UCLA/Westwood & Overland Ave
- 14 Bundy Dr & Centinela Ave
- 15 Barrington Ave
- 16 Wilshire Blvd/Bundy Dr - Marina del Rey^
- 17 UCLA – VA Medical Center – Palms
- 18 UCLA - Abbot Kinney - Marina del Rey
- 41 17th St Station – SMC – Montana
  41 Clockwise
  41 Dextrorso
  42 Counterclockwise
  42 Sinistrórsum
- 43 SMC – 26th St – San Vicente Blvd^
- 44 17th St Station – SMC – Ocean Park^

^ Monday-Friday Service Only
Servicio sólo de lunes a viernes

Rapid Routes: Limited-Stop Service
Ruta Rapid: Servicio de paradas limitadas

- Metro Rail Station
  Estación de Metro Rail
- Future Metro Rail Station
  Futura Estación de Metro Rail
- Metro Rail Line
  Línea de Metro Rail
- Future Metro Rail Line
  Futura Línea de Metro Rail
  – Crenshaw/LAX Line
  – Purple Line Extension
  – Regional Connector

LINC

Bus-only lane on Route 3 & Rapid 3 weekdays from 7am-9am (NB) & 4pm-7pm (SB).
Carril de autobús para la Ruta 3 y Rapid 3. Entre semana de 7am-9am (hacia el norte) y 4pm-7pm (hacia el sur).

Blue @ night

On-demand service 8pm-3am Friday & Saturday only to/from 17th Street/ SMC Station.
Servicio por solicitud de 8pm a 3am sólo el viernes y sábado hacia/desde la Estación 17th Street/SMC.

Other Symbols *Otros Símbolos*

- 1 2 3 Terminus
  Terminal de Línea
- Freeway Service
  Servicio de Carretera
- Select Trips Only
  Viajes Designados
- Park
  Parque
- Airport
  Aeropuerto
- University/College
  Universidad
- Hospital/Medical Center
  Hospital/Centro Medico
- Shopping/Commercial Area
  Centro Comercial
- Civic Center
  Centro Cívico
- Point of Interest
  Punto de Interés

Figure 2

Existing Transit Service in the Project Area

EXISTING BICYCLE AND PEDESTRIAN FACILITIES

Bicycle Facilities

The City of Santa Monica is one of the most bikeable communities in the Southern California region. The City has a dense and growing network of bicycle facilities including some immediately adjacent to the project site. The project area is connected to an extensive bicycle network, including bicycle lanes on Arizona Avenue and Broadway that connect downtown Santa Monica to West Los Angeles and bicycle lanes on several north/south streets in the vicinity of the project. The existing bicycle facilities within the project study area are identified below and shown in **Figure 3**.

The following streets near the project have marked bicycle lanes that separate bicyclists from vehicles:

- Arizona Avenue from Ocean Avenue east into West Los Angeles
- Broadway from 5th Street east into West Los Angeles
- 17th Street between Arizona Avenue and Pico Boulevard
- 14th Street between California Avenue and Ashland Avenue

Additional bike routes – which offer signage and markings, such as sharrows, to indicate to all street users that bicyclists are expected to share the motor vehicle lanes – are designated within the vicinity of the study area, including 16th Street, 20th Street, Michigan Avenue, and 26th Street. Future bicycle lanes and routes with buffered bike lanes or shared lane markings are identified in the City's Bicycle Action Plan.

A review of existing bicycle counts at study intersections shows that cycling activity is highest at intersections on 20th Street, Cloverfield Boulevard, and 14th Street, where hourly bicycle volumes exceed 50 bicyclists per hour in at least one peak hour. The intersection at 20th Street & Pico Boulevard has the highest number of bicyclists in the study area, with 60 bicyclists in the AM peak hour and 70 bicyclists in the PM peak hour.

Some bicycle parking is available throughout the study area, including on-street racks and at public and private facilities.

Bike Share

The City also has a citywide Bike Share service (to be privately operated beginning October 2020), which allows residents, visitors, and employees to ride a public bicycle for their travel needs within the City. The bikeshare program makes several hundred "smart" bicycles available at more than 80 stations citywide and in Venice in the City of Los Angeles. There is an existing Breeze bikeshare hub on the sidewalk at the southeast corner of 20th Street & Arizona Avenue.

Pedestrian Facilities

Pedestrian activity is high in the vicinity of the project site, and sidewalks are present on all streets throughout the study area. A review of existing pedestrian counts shows that pedestrian activity is highest at the following intersections, where hourly pedestrian counts range between 200 and 400 in the AM and/or PM peak hour:

1. 14th Street & Wilshire Boulevard
10. 20th Street & Arizona
11. 20th Street & Santa Monica Boulevard

16. 20th Street & Pico Boulevard
21. Cloverfield Boulevard & Broadway
22. Cloverfield Boulevard & Colorado Avenue
29. 26th Street & Santa Monica Boulevard

Adjacent to the project site, the sidewalks on 20th Street and Arizona Avenue average approximately five feet in width.

Signalized intersections throughout the study area have marked or textured crosswalks and pedestrian countdown signals. There is an unsignalized mid-block pedestrian crossing on Broadway between 20th Street and 21st Street. It is equipped with yellow warning signs, continental crosswalk markings, curb extensions, and advanced yield markings. Signalized pedestrian walk signals are either automatic at the intersections or actuated by pedestrians by push-buttons. All intersections have accessible curb ramps.

OTHER TRANSPORTATION CHOICES

Shared Mobility Technologies

The growth of privately-operated Transportation Network Companies (TNCs) like Lyft and Uber has also changed the way people move in and around the City. TNC's provide app-based platforms to connect passengers with drivers who use personal, non-commercial vehicles. Lyft and Uber have become the most recognized and ubiquitous forms of shared mobility. Research around the nation in recent years suggests that usage of Lyft and Uber is generating an increase in vehicle traffic.[1] Other research has suggested this result is in part because many users are making trips they would not have made previously, and in some cases replacing transit trips.

In late 2017, the City saw a burgeoning of dockless mobility devices, including electric scooters (e-scooters), on City streets. These dockless mobility devices become increasingly popular in the City. Dockless systems allow scooters and bicycles to be left in any location. In response to these dockless mobility devices, the City has provided "drop zones" on wide sidewalks, where users are encouraged to park when they finish a trip, to reduce sidewalk clutter and prevent obstructions to the sidewalk, which can significantly impact the Americans with Disabilities Act (ADA) provisions for providing clear path of travel. The City also worked with permitted operators to designate sensitive high-pedestrian areas as "no-ride" zones, including the Third Street Promenade and Palisades Park.

Based on the City's November 19 council staff addressing these mobility devices, four companies (Bird, Lime, Lyft, and Jump) provided riders with a total of 2,673,819 trips from October 2018 to October 2019.[2] The average trip duration was 14 minutes and length was 1.3 miles, and ridership peaked during the spring and summer months but was strong throughout the year. Today, Bird and Lyft are the remaining

[1] Pangilinan, Chris. "Learning more about how our roads are used today". *Medium.com* August 5, 2019 https://medium.com/uber-under-the-hood/learning-more-about-how-our-roads-are-used-today-bde9e352e92c
https://drive.google.com/file/d/1FlUskVkj9lsAnWJQ6kLhAhNoVLjfFdx3/view

[2] City of Santa Monica Council Staff Report November 19
http://santamonicacityca.iqm2.com/Citizens/Detail_LegiFile.aspx?Frame=&MeetingID=1196&MediaPosition=&ID=3615&CssClass=

two companies providing e-scooters and e-bikes in the City. The e-scooters are included in existing count data as bicycles, but no assumption of changes to mobility behavior are included in the analysis given the new and rapidly changing circumstances as well as lack of available data.

Legend

- Project Site
- Bike Path
- Bike Lane
- Bike Lane in Direction of Arrows (Sharrows in Opposite Direction)
- Bike Route (with Sharrows)
- Breeze Bike Share Hub ($ includes payment kiosk)
- Major Bus Stops
- Expo Light Rail and Stations (Bike parking available)
- Bike Shop (Repairs)
- Bike Shop (Repairs and Rentals)
- Shopping Districts
- Public Schools
- Car Share

Figure 3

Existing Bicycle Network in the Project Area
Arizona Wellness Center

3. VEHICLES MILES TRAVELED ANALYSIS

Section 15064.3 of the CEQA Guidelines was added by the Office of Planning and Research on December 28, 2018, and states that vehicles miles traveled (VMT) is the appropriate measure of transportation impacts for projects subject to CEQA. Section 15064.3(c) also states that the provisions of this section shall apply prospectively (i.e., only applicable to new projects after date of adoption) and must be implemented statewide by July 1, 2020. On June 9, 2020, the City adopted a new process for analyzing the transportation impacts of land use and transportation projects. For land use projects in Santa Monica, the analysis consists of a two-step process which includes VMT screening and, if necessary, VMT analysis. The adopted screening criteria, analytical methods and significance thresholds, which are outlined as follows, are applied to the proposed project.

BACKGROUND ON VMT

VMT measures the cumulative distance of automobile travel, taking into account the origin and destination of a particular trip. Typically, development located at a greater distance from other land uses and in areas without transit generates more VMT than development near other land uses with more robust transportation options. As noted by the Office of Planning and Research, mitigation to reduce VMT can include designing projects with a mix of uses, building transportation demand management (TDM) features into the project, locating the project in neighborhoods that have transit or active mode transportation opportunities, or contributing to the creation of such opportunities.[3] Since VMT is sensitive to regional location, it can also be mitigated by choosing a more central location for the project. Used as a transportation metric under CEQA, VMT could encourage reduction of motor vehicle travel, increase transit and active mode transportation, and increase infill development.

Currently, VMT information is used to help measure other CEQA impacts, including air quality and greenhouse gas emissions at a project level and, has been used in the analysis of the City's Land Use and Circulation Element and other long-range plans, to identify long-range transportation impacts.

APPLICATION OF THE CITY OF SANTA MONICA VMT METHODOLOGY TO THE PROJECT

Tiered Screening for VMT Analysis

As a first step in the transportation review of projects, the City has adopted screening criteria that can be used to "screen" out projects from VMT analysis. Projects meeting the VMT screening criteria are deemed to have a less than significant impact and no further VMT analysis is necessary. The tiered screening criteria for land use projects and review of the proposed project against these criteria are described below.

[3] Office of Planning and Research, Preliminary Evaluation of Transportation Metrics
https://opr.ca.gov/docs/PreliminaryEvaluationTransportationMetrics.pdf

Tier 1: Does the project include the development of the following land uses, which are screened out from further analysis?

Land Uses Screened from VMT Analysis

- 200 residential dwelling units or less
- 100% affordable housing
- 50,000 sf or less of commercial floor area by land use type[1]
- New construction of educational facilities/institutions (such as increased classrooms, gym/recreational space, and other supportive areas) provided that there would be no student enrollment increase or if student enrollment is increased, 75% of the student body comes from within 2.0 miles of the school
- Expansions of civic/government use (such as fire and police stations) and utility facilities less than 50,000 sf or replacement of such uses/facilities (in same or another location) to serve the community, or if larger than 50,000 sf, the project would not result in more than 50 net new additional full time equivalent employees
- Local serving Parks and Recreational facilities, as determined by City Staff

[1] *Commercial uses covered under this screening criteria include retail, restaurant, movie theater, gym/fitness, grocery store/market, hotel, medical office, office, and hospital uses less than 50,000 sf. Excludes museums, amusement parks, and other large regional trip attractors as may be determined by City Staff.*

If yes, no further analysis is required. If no, move to Tier 2.

For a mixed-use project, the individual components of the project should be evaluated to determine if each can be screened out. For example, a mixed-use project with 150 units and 75,000 square feet of office area cannot be screened out at the Tier 1 level and would be required to move to Tier 2.

Project Review Against Tier 1 Screening Criteria

The proposed project was reviewed against the City's VMT screening criteria system to determine if a VMT analysis would be required. The proposed project consists of approximately 54,000 square feet of research and development space and 18,812 square feet of clinical/medical office space. The proposed clinical/medical office floor area is less than 50,000 square feet and is therefore screened out. However, the research and development space floor area exceeds the City's Tier 1 screening criteria of 50,000 sf. The project was therefore reviewed against the City's Tier 2 screening criteria (proximity to transit).

Tier 2: Is the project located within 0.5 mile walking distance of an Expo LRT station or 0.25 mile walking distance of Rapid BRT stop?[4]

[4] *Walking distance is defined as the actual physical distance that a person would need to walk based on the street network. BRT (bus rapid transit) stops includes stops for Big Blue Bus Rapid routes and Metro Rapid Bus routes.*

If no, conduct VMT analysis. If yes, move to Tier 3.

Project Review Against Tier 2 Screening Criteria

While the proposed project is located more than 0.5 miles from the 17th Street/Santa Monica College station for the Metro E LRT, it is located less than 0.25 miles from the Big Blue Bus Rapid 10 and Metro Rapid 704 bus stop at the corner of Santa Monica Boulevard & 20th Street, meeting the Tier 2 screening criteria. The proposed project was therefore reviewed against the City's Tier 3 screening criteria (parking).

Tier 3: Would the project provide more parking than required by Code (or if located in the Downtown, exceed parking maximums)?

If no, no further analysis is required. If yes, conduct VMT analysis.

Additionally, for a land use project, a less than significant impact would also result if:

- A project decreases [total] vehicle miles traveled in the project area compared to existing conditions or
- A redevelopment project replaces existing VMT generating land uses with new uses that result in a net overall decrease in VMT.

Projects that are screened out based on the criteria above are presumed to have a less than significant impact on transportation and as such, no VMT analysis is required.

Project Review Against Tier 3 Screening Criteria

The proposed project would provide approximately 272 parking stalls in a subterranean parking garage consisting of five levels. According to the City's Municipal Code, 272 parking stalls are required to serve the medical office, research and development, and restaurant space. Because the proposed project would not exceed the amount of parking allowed by the Municipal Code, the Tier 3 screening criteria is met. As such, the proposed project is not required to conduct a VMT analysis and it is determined to have a less-than-significant impact on transportation.

VMT Analysis

For projects that are not screened out, a VMT analysis is required and the VMT estimates of a project must be compared against the City's adopted VMT significance thresholds.

Significance Thresholds

The City has adopted two sets of VMT significance thresholds, both of which are applied to land use projects:

- Threshold 1: VMT per capita: A project's VMT per capita must not exceed the existing Citywide average VMT per capita for that particular land use.

City of Santa Monica VMT Threshold: Significance Criteria 1 (VMT per Capita)

Land Use	**Threshold**
Residential	No greater than existing Citywide average VMT/capita
Commercial Employee	No greater than existing Citywide average VMT/employee
Retail	Any net increase in total City VMT

- Threshold 2: Total VMT: The project's combined total VMT for residents and commercial employees must be at least 16.8% below existing Citywide "business as usual" VMT per capita. Business as Usual VMT is defined as what the calculated VMT for the project would be if the project were generating VMT per capita at the existing citywide average.

City of Santa Monica VMT: Significance Criteria 2 (Total VMT)

	Project VMT	**Existing City Average VMT/capita**	**Project Population**	**Business as Usual (BAU) VMT**	**Threshold**
Residential	A	9.0	D	= (9.0 x D)	
Commercial Employee	B	19.2	E	= (19.2 x E)	
	Total Resident + Employee VMT (A +B)			**Total BAU VMT**	**Is Total Resident + Employee VMT at least 16.8% lower than Total BAU VMT?**

Projects exceeding either or both of these thresholds are considered to have a significant transportation impact on the environment. These City-specific thresholds reflect a local consideration to the City's existing transportation conditions as well as State and local land use and sustainability goals. This strategic approach would also ensure that new development will not hinder the City's progress towards reducing GHG emissions, improving mobility options, and implementation of the LUCE.

Project Review

As discussed above, the proposed project is screened out from further VMT analysis based on the City's tiered screening system and therefore, is deemed to have a less than significant VMT impact. Further VMT analysis and comparison of the proposed project against the significance thresholds are not required.

4. PROJECT ALTERNATIVES

Six project Alternatives are defined for the proposed project as follows:

- Alternative 1: No Project/No Build Alternative
- Alternative 2: No Project/Reasonable Foreseeable Development Alternative
- Alternative 3: Administrative Approval (AA) Project Alternative
- Alternative 4: Tier 1 (Reduced Project) Alternative
- Alternative 5: Tier 2 (2.5 FAR) Project Alternative
- Alternative 6: 20th Street Access Alternative

Analysis is provided for the Alternatives 2,3,4 and 5. Results of the analysis for Alternative 6 are identical with that of the proposed project. As with the proposed project, each of the project alternatives are screened out from VMT analysis and are determined to have a less-than-significant impact on transportation. A detailed review of each alternative is presented in this section.

ALTERNATIVE 2: NO PROJECT/REASONABLY FORESEEABLE DEVELOPMENT

Alternative 2 assumes reoccupation of the existing currently unoccupied portion of the GKGM Building with clinical/medical office as permitted by the existing HMU zoning and land use designation. The existing restaurant within the GKGM Building would remain as-is. The two underutilized existing two-story buildings would be fully occupied with office uses. Alternative 2 contemplates interior renovations that would upgrade the existing buildings, such as altering the existing floor plans and providing modern amenities. Repairs/upgrades, as necessary, would be undertaken to meet current market demands and Building Code requirements. The surface parking lot on the project site would remain in place to serve the parking needs of the tenants of the three buildings.

Table 1
Alternative 2: No Project/ Reasonable Foreseeable Development

Building	Land Uses	Floor Area (square feet)
Rehabilitated Portion of GKGM Building	Clinical/Medical Office	4,483 sf
Two Existing Buildings	Office	Approximately 2,584 sf/ 3 units Approximately 5,754 sf/ 7 units
	Total	**12,821 sf**

ALTERNATIVE 3 ADMINISTRATIVE APPROVAL (AA) PROJECT ALTERNATIVE

Alternative 3, Administrative Approval (AA) Project Alternative would add 15,000 sf of new development to the existing GKGM Building for an administrative approval. To accommodate the new medical office uses, the existing GKGM Building, including the rear garage, would be rehabilitated and interior renovations would be made to upgrade the building, such as altering the existing floor plans and providing modern amenities. The existing unoccupied administrative portion of the GKGM Building would be rehabilitated in accordance with the Secretary of the Interior Standards. The existing restaurant within the GKGM Building would remain as-is. Under the Alternative 3, the existing two-story buildings would be demolished, similar to the proposed project. In its place, this alternative would construct a new one-story 15,000-sf building addition to house medical office uses. In total, this alternative would provide 19,483 sf of medical office uses. It is assumed that a two-level subterranean parking garage would be constructed to accommodate parking. Access to the garage would be provided off the alley.

Table 2
Alternative 3: AA Project

Building	Land Uses	Floor Area (square feet)
Rehabilitated Portion of GKGM Building with Garage	Clinical/Medical Office	4,483
New Building	Clinical/Medical Office	15,000
	Total	**19,483**

ALTERNATIVE 4: TIER 1 (REDUCED PROJECT)

Alternative 4, Reduced Project Alternative, would adaptively reuse the existing GKGM Building and develop a new 33,750 sf building addition on the residential parcel and associated parking lot for medical office uses. Alternative 4 represents a reduction when compared to the proposed project by developing a smaller building area. Similar to the proposed project, this alternative would develop the project site with medical office, research & development uses, and ancillary cultural/meeting space. This alternative would retain and adaptively reuse the currently unoccupied portion of the GKGM Building (including the rear alley-facing garage) and interior renovations would be made to upgrade the building to current standards, such as altering the existing floor plans and providing modern amenities. The existing restaurant within the GKGM Building would remain as-is.

Based on the size of the residential parcel and associated surface parking lot, there is an estimated 22,500 sf of new developable area The City's Zoning Ordinance establishes Tier 1 standards in the HMU District at a maximum height of 45 feet and a 1.5 FAR. Under the Reduced Project Alternative, a Tier 1 project (1.5 FAR) on the amount of developable area (22,500 sf) would consist of a 33,750-sf (maximum) structure that is mostly 1 to 2 stories in height (maximum 30 feet). This new building would adjoin the GKGM Building and would be used for clinical/medical office uses. In total, this alternative would provide 38,233 sf of medical office use. It is assumed that a 3-level subterranean parking garage would be constructed to accommodate parking. Access to the garage would be provided off the alley.

Table 3
Alternative 4: Reduced Project

Building	Land Uses	Floor Area (square feet)
Rehabilitated Portion of GKGM Building with Garage	Clinical/Medical Office	4,483
New Building	Clinical/ Medical Office	33,750
	Total	**38,233**

ALTERNATIVE 5: TIER 2 (2.5 FAR PROJECT)

Alternative 5, Tier 2 Project Alternative, represents development of the proposed project at a Tier 2 density and height. Similar to the proposed project, Alternative 5 would develop the project site with medical office, research & development uses, and ancillary cultural/meeting space. Similar to the proposed project, the Alternative 5 would adaptively reuse the currently unoccupied portion of the GKGM Building and demolish the rear alley-facing garage. The existing restaurant within the GKGM Building would remain as-is. The two buildings and surface parking lot would be removed for construction of a new building addition. Under Alternative 5, the maximum Tier 2 FAR of 2.5 and height of 70 feet for the HMU District would apply. Alternative 5 would develop a 104,283-sf building addition that is 5 stories in height (maximum 70 feet). It is assumed that a 6-level subterranean parking garage would be constructed to accommodate parking the project the total number of parking spaces would not exceed the amount of parking allowed by the City's Municipal Code. Access to the garage would be provided off the alley. Alternative 5 includes 28,131 sf of clinical/medical office area (25%), and 76,152 sf of research and development office space area (75%). In total, this alternative would provide 109,126 sf of total floor area.

Table 4
Alternative 5: Reduced Project Alternative

Building	Land Uses	Floor Area (square feet)
Rehabilitated Portion of GKGM Building	Ancillary Meeting Space	4,843
New Building	Clinical/ Medical Office	28,131
	Research & Development	76,152
	Total	**109,126**

VMT Screening Review for Alternative 2, 3 and 4

Alternatives 2, 3 and 4 each comprise less than 50,000 square feet of commercial space and their characteristics meet the criteria defined in Tier 1 screening. Therefore, no further VMT analysis is required for these Alternatives and they are determined to have a less-than-significant impact on transportation.

VMT Screening Review for Alternative 5

Review Against Tier 1 Screening Criteria

The proposed Alternative 5 was reviewed against the City's VMT screening criteria system to determine if a VMT analysis would be required. This Alternative consists of approximately 76,152 square feet of research and development space, 28,131 square feet of clinical/medical office space and 4,843 square feet of Ancillary meeting space. The proposed clinical/medical office and ancillary meeting space floor area are less than 50,000 square feet and is therefore screened out. However, the research and development space exceeds the City's Tier 1 screening criteria of 50,000 sf. Alternative 5 was therefore reviewed against the City's Tier 2 screening criteria (proximity to transit).

Review Against Tier 2 Screening Criteria

While the project site is located more than 0.5 miles from the 17th Street/Santa Monica College station for the Metro E LRT, it is located less than 0.25 miles from the Big Blue Bus Rapid 10 and Metro Rapid 704 bus stop at the corner of Santa Monica Boulevard & 20th Street, meeting the Tier 2 screening criteria. The Alternative 5 was therefore reviewed against the City's Tier 3 screening criteria (parking).

Review Against Tier 3 Screening Criteria

Alternative 5 includes a 6-level subterranean parking garage. The total number of parking spaces would not exceed the amount of parking allowed by the City's Municipal Code. Since number of proposed parking spaces would not exceed the amount of parking allowed by the City's Municipal Code, the Tier 3 screening criteria is met. As such, the Alternative 5 is not required to conduct a VMT analysis and it is determined to have a less-than-significant impact on transportation.

Final Review

As discussed above, the proposed Alternative 5 is screened out from further VMT analysis based on the City's tiered screening system and therefore, is deemed to have a less than significant VMT impact. Further VMT analysis and comparison of the proposed project against the significance thresholds are not required.

VMT Screening Review for Alternative 6

Alternative 6 would develop the identical mix of land uses as the proposed project but would differ in that its primary vehicular access would be located on 20th Street rather than on 19th Court alley. As such, the VMT screening analysis presented in Chapter 3 would also apply to Alternative 6 and it is determined to have a less-than-significant impact on transportation.

REFERENCES

City of Santa Monica Bicycle Action Plan (City of Santa Monica, October 2011).

City of Santa Monica Bicycle Action Plan Amendment (City of Santa Monica, adopted October 13, 2020).City of Santa Monica Pedestrian Action Plan (City of Santa Monica, February 2016).

Highway Capacity Manual (Transportation Research Board, 2010).

Santa Monica New CEQA Transportation Guidelines & Thresholds (adopted June 9, 2020).

Santa Monica Travel Demand Forecasting Model Trip Generation Rates (Fehr & Peers, October 2011).

Trip Generation, 10th Edition (ITE, 2017).

Santa Monica Land Use & Circulation Element, revised July 25, 2017.

APPENDIX A:

SANTA MONICA NEW CEQA TRANSPORTATION GUIDELINES & THRESHOLDS

City of Santa Monica®

City Council Report

City Council Meeting: June 9, 2020
Agenda Item: 11.A

To: Mayor and City Council

From: David Martin, Director, City Planning

Subject: Adoption of Resolution of New CEQA Transportation Guidelines & Thresholds

Recommended Action

Staff recommends that the City Council adopt the attached resolution to implement new transportation significance thresholds for projects subject to the California Environmental Quality Act (CEQA).

Executive Summary

Senate Bill 743 (SB743) streamlined the California Environmental Quality Act (CEQA) review process for infill projects and required that cities adopt Vehicle Miles Travelled (VMT) as the basis for CEQA transportation analysis. As indicated in SB743, the adoption of VMT would promote: (1) reduction of greenhouse gas emissions; (2) development of multimodal transportation networks; and (3) a diversity of land uses. State law requires cities and counties to implement and adopt new VMT thresholds by July 1, 2020. In compliance with SB 743, City staff is recommending that the City Council adopt new VMT screening criteria and thresholds for the transportation review of projects subject to CEQA.

Background

California Environmental Quality Act

The California Environmental Quality Act (CEQA) was passed by the state in 1970 as a disclosure statute – requiring certain procedural steps be undertaken to inform the public and decisionmakers about the potential environmental effects of a project. CEQA applies to discretionary projects (i.e., projects that require the judgment and approval of an approving body) such as those requiring a development review permit or a development agreement. Under CEQA, projects may be determined to be exempt from

analysis, or subject to further analysis through either a Negative Declaration/Mitigated Negative Declaration (ND/MND), or an Environmental Impact Report (EIR). While the processes for a ND/MND and an EIR differ considerably, both documents require that projects be analyzed for 21 environmental issue areas including aesthetics, utilities, and transportation.

State Law Changes (SB 743 and Revised CEQA Guidelines)

On September 27, 2013, Governor Brown signed Senate Bill (SB 743), which became effective on January 1, 2014. SB 743 streamlined the CEQA review process for infill projects in transit priority areas and sought to balance the needs of congestion management with Statewide goals related to infill development, promotion of public health through active transportation, and reduction of greenhouse gas emissions. To achieve these goals, SB 743 required the Office of Planning and Research (OPR) to amend the CEQA Guidelines (Title 14 of the California Code of Regulations, Division 6, Chapter 3, Sections 15000-15387) to provide an alternative metric to Level of Service (LOS) for evaluating transportation impacts. SB 743 stated that the measurements of transportation impacts may include "vehicle miles traveled, vehicle miles traveled per capita, automobile trip generation rates, or automobile trips generated." SB743 states that once the CEQA Guidelines are amended to include those alternative criteria, auto delay (as measured by LOS) can no longer be considered a significant impact under CEQA. As required by state law, the City must switch to VMT for the transportation review of projects by July 1, 2020.

On January 18, 2017, the Planning Commission participated in a study session to consider and discuss the SB743 requirements for CEQA transportation impact analysis. Overall, the Planning Commission favored moving forward with using VMT as the metric for the transportation analysis of individual projects or an alternative metric that can address mobility. Some members of the Commission did express interest in using LOS periodically as part of the City's monitoring of the overall transportation network system.

In December 2018, pursuant to the mandate in SB 743 and after four years of stakeholder workshops, OPR adopted revised CEQA Guidelines, with Section 15064.3

stating that “generally, vehicle miles traveled is the most appropriate measure of transportation impacts.” Additionally, OPR adopted *Technical Advisory on Evaluating Transportation Impacts in CEQA (*Attachment A*)*, to provide guidance to lead agencies on how to conduct VMT analysis for projects. In this Technical Advisory, OPR recommends screening criteria and significance thresholds[1] for use in analyzing the VMT impacts of projects. While OPR’s *Technical Advisory* is not binding on public agencies, CEQA allows lead agencies to “consider thresholds of significance… recommended by other public agencies, provided the decision to adopt those thresholds is supported by substantial evidence” (CEQA Guidelines, § 15064.7, subd. (c)). OPR granted agencies a phase-in period to replace LOS with VMT. California cities and other lead agencies have until July 1, 2020 to develop and adopt new analytical procedures and threshold criteria to implement VMT as the primary transportation impact metric under CEQA.

On January 22, 2020, the Planning Commission participated in a study session to review potential changes to the City’s methodology for the transportation review of projects and discuss potential VMT screening and significance thresholds for projects. The Commission provided input that the application of City-specific thresholds would be more appropriate.

On May 13, 2020, City staff presented draft VMT screening criteria and significance thresholds as well as proposed revisions to the City’s Transportation Impact Fee (TIF) to the Planning Commission. The Planning Commission unanimously recommended adoption of the draft screening criteria and thresholds to the City Council, but voted 3-3 resulting in a technical denial of staff’s recommendation with regard to proposed changes to the TIF due to concerns about the financial feasibility of projects in light of the economic crisis brought on by COVID19. Staff will be returning to City Council in the next month with a proposed modest increase to the multi-modal TIF to complement the

[1] *The CEQA Guidelines define a “threshold of significance” to mean “an identifiable quantitative, qualitative or performance level of a particular environmental effect, non-compliance with which means the effect will normally be determined to be significant and compliance with which means the effect normally will be determined to be less than significant.”*

current round of CEQA streamlining while continuing to address the potential trip generation of future development projects in light of new budget constraints.

Discussion

City of Santa Monica Current Transportation Impact Thresholds

For decades, the transportation review of a project subject to CEQA was conducted using a methodology that estimated the number of vehicle trips generated and how those trips contributed to the congestion (as measured by LOS) of intersections surrounding the project site. To analyze a project's impacts on the transportation network, a traffic consultant first estimates the trips that would be generated by the project and then these project-generated trips are added to the street network. A determination is made as to whether these trips would add to congestion and result in a significant transportation impact.

The City's significance criteria for assessing whether a project would result in significant transportation impacts were adopted in 1991. The significance criteria utilize intersection LOS as the measure for assessing impacts. LOS measures vehicle delay at intersections and on roadways. As described previously, LOS A through F are used in rating intersection operations, with LOS A indicating free-flow operations and LOS F indicating congested operations. The City's significance criteria are based on a sliding scale, meaning that the intersections with the greatest traffic congestion will have a lower threshold for a significant impact (refer to Table below).

Base Operating Conditions	With Project Traffic Impact Assessment
If LOS = A, B, or C	***Significant Impact If:***
Collector street intersection	Average vehicle delay increase is ≥ 15 seconds or LOS becomes D, E, or F
Arterial intersection	Average vehicle delay increase is ≥ 15 seconds or LOS becomes E or F

Base Operating Conditions	With Project Traffic Impact Assessment
If LOS = D	***Significant Impact If:***
Collector street intersection	Any net increase in average seconds of delay per vehicle
Arterial intersection	Average vehicle delay increase is ≥ 15 seconds or LOS becomes E or F
If LOS = E	***Significant Impact If:***
Collector street intersection	Any net increase in average seconds of delay per vehicle
Arterial intersection	
If LOS = F	***Significant Impact If:***
Collector street intersection	V/C ratio net increase is ≥ 0.005[a]
Arterial intersection	
[a] *volume to capacity ratio of the intersection is greater than or equal to 0.005*	

For example, at a LOS E intersection, the addition of even one second of delay from a project's vehicle trips would be deemed a significant impact. With these strict LOS thresholds that focus only on automobile delay, almost any project that generates vehicle trips near a busy intersection could be deemed to have a significant impact on the environment.

Although LOS grading levels A through F have become familiar and somewhat easy to understand, the use of LOS is outdated, fails to consider other multi-modal options, and is inconsistent with State and local planning goals. Among the issues with vehicle LOS are the following:

- LOS measures motorist convenience – LOS measures automobile delay to the driver and not physical impacts to the environment, which is the purpose of CEQA.

- LOS is incongruous with other environmental impact analyses under CEQA – The use of VMT is more aligned with other CEQA impact analyses such as air quality and greenhouse gas (GHG) emissions. As a trip-based metric, LOS fails as a proxy for air quality and GHG emissions impacts. In contrast, VMT is a

necessary component and direct factor in calculating a project's air pollutant and GHG emissions: the greater the distance traveled by automobiles accessing a project, the greater the project's contributions of air pollutant and greenhouse gas emissions.

- LOS is biased against development in urban areas – Typical transportation analyses under CEQA compare future automotive volumes against LOS thresholds. A project that increases LOS past the threshold triggers a significant impact. Urban, mixed-use areas inherently have existing automotive volumes at intersections, resulting in lower LOS grades. As the LOS rating used to determine significance of the project's impact is determined by total automotive traffic (i.e., existing automotive traffic plus automotive traffic added by the project), infill projects disproportionally trigger LOS thresholds compared to projects in suburban/rural areas, even though they may reduce the need for automotive trips, reduce trip lengths, and reduce more emissions than projects in greenfield areas. For example, an 80-unit mixed-use residential project in a suburban area may not trigger a LOS impact. However, the same project in Santa Monica would be deemed to have a significant traffic impact due to higher future automotive volumes.

- LOS conflicts with the City's sustainable growth, land use, and mobility goals and policies – In 2010, the City adopted the LUCE, which provides a framework for integrating the City's land uses with transportation. The LUCE aims to protect residential neighborhoods by focusing new development projects in the area surrounding the Expo LRT stations and denser areas of the City with proximity to high frequency transit (such as the Downtown) to encourage the diversity of mobility options utilized, the reduction in the frequency and duration of automotive trips, and a reduction in the associated GHG emissions. In a direct contradiction to the LUCE, LOS favors projects that are located within residential neighborhoods since intersections and street segments in these areas tend to have greater capacity and less existing automotive traffic.

- LOS mitigation is often infeasible, generally induces more automotive travel, and can create negative effects for non-vehicular modes – In a fully built out city like Santa Monica, mitigation to increase automotive capacity is usually infeasible since such measures would typically require the acquisition of private property to widen the public right-of-way or reduction in sidewalks or bike lanes to widen vehicle travel lanes. Furthermore, adding motor vehicle capacity may induce additional automotive travel, which negatively impacts the environment and human health. It also negatively impacts other modes of transportation by lengthening pedestrian crossing distances, adding delay and risk to pedestrian and bicycle travel, and displacing bicycle and dedicated transit facilities.

- LOS is typically the only significant "environmental impact," resulting in a lengthy and costly CEQA review and entitlement process – Under the City's current LOS-based thresholds, any project subject to CEQA that has the potential to result in a significant impact (e.g., addition of one trip on a street segment) is required to prepare an EIR. This has occurred for a number of small mixed-use housing projects as well as bicycle/pedestrian improvement projects that improve mobility but have adjusted vehicle lane capacity. The preparation of an EIR can be both lengthy and costly, often creating processing delays for projects and hindering much needed housing production. For the majority of EIRs prepared in the past, traffic (LOS) is typically the only unavoidable impact that cannot be mitigated.

- LOS mischaracterizes transit, bicycle and pedestrian improvements as detrimental to transportation – Since LOS only measures the delay of motor vehicles, any improvement for people in other modes that might inconvenience people in automobiles is characterized as an impediment to transportation even though the utilization of space-efficient modes increases person throughput capacity. For example, bicycle projects that convert a vehicle travel lane into a bicycle lane would decrease the capacity of the nearby intersection and would be deemed to have an adverse transportation impact.

As SB 743 points out, the use of LOS often conflicts with State and local mobility, land use, and sustainability goals, including those intended to reduce GHG emissions. LOS focuses only on automotive capacity and often creates a barrier for projects that implement beneficial improvements for other modes. LOS-based analysis also does not offer meaningful analysis for holistic consideration of the transportation network. Since LOS is based on the traffic volumes at particular intersections, past traffic studies have typically identified the same recurring impacted intersections, freeway on- and off-ramps, and street segments. Additionally, because the City is built out, mitigation measures to improve LOS by expanding vehicle capacity are extremely limited or infeasible.

Proposed Changes to Transportation Review in Santa Monica

To align the City's transportation review process with SB 743 and state and local policies, staff is proposing the following:

- Align the transportation review process with SB 743 and the City's General Plan goals and policies by revising the City's CEQA transportation impact guidelines and significance thresholds to reflect the use of VMT.
- Update the City's Transportation Impact Fee (TIF) to invest in programs and multi-modal projects that facilitate the reduction of Citywide VMT per capita.

Aligning the Transportation Review Process: From LOS to VMT

To comply with State law, the City proposes to adopt VMT as the metric for analyzing the transportation impacts of projects that are subject to CEQA. VMT measures the cumulative distance of automobile travel, taking into account the origin and destination of a particular trip. Typically, development located at a greater distance from other land uses and in areas without transit generates more VMT than development near other land uses with more robust transportation options. Currently, VMT information is used to help measure other CEQA impacts, including air quality and greenhouse gas emissions at a project level and, in General Plan or program-level analysis, to identify long-range transportation impacts.

With the change from LOS to VMT, transportation review of projects in the City will be simplified. Analysis of VMT would be conducted only for larger projects that are located further from transit, and that have the potential to generate high VMT. Multi-modal transportation projects and beneficial housing projects near transit would no longer have to be subject to time-consuming traffic analysis, which often does not yield any effective mitigation measures. Additionally, in contrast to traditional LOS analysis which can analyze upwards of 100 intersections in a project area, VMT analysis will require assessment of the project's VMT impact per land use (rather than per intersection).

Using VMT as the transportation metric will also allow the City to implement measures and programs that increase mobility options for individuals of all ages, abilities, and incomes, not just those with access to automobiles. Unlike LOS, VMT mitigation would not induce more vehicle travel but rather, would encourage the reduction of vehicle travel through other means. VMT mitigation implemented by a project applicant could include greater Transportation Demand Management (TDM), enhanced pedestrian and bicycle facilities, increased access to transit or transit improvements, parking cashout, car sharing and bike sharing programs, and other multi-modal measures.

VMT analysis would be more aligned with the City's goals of promoting projects that will contribute to an overall reduction in VMT and GHG emissions. Additionally, VMT analysis would be supportive of other City plans to improve the wellbeing of the City, including achieving Vision Zero, the elimination of fatal and severe injury crashes by 2026.

Proposed VMT Screening Criteria

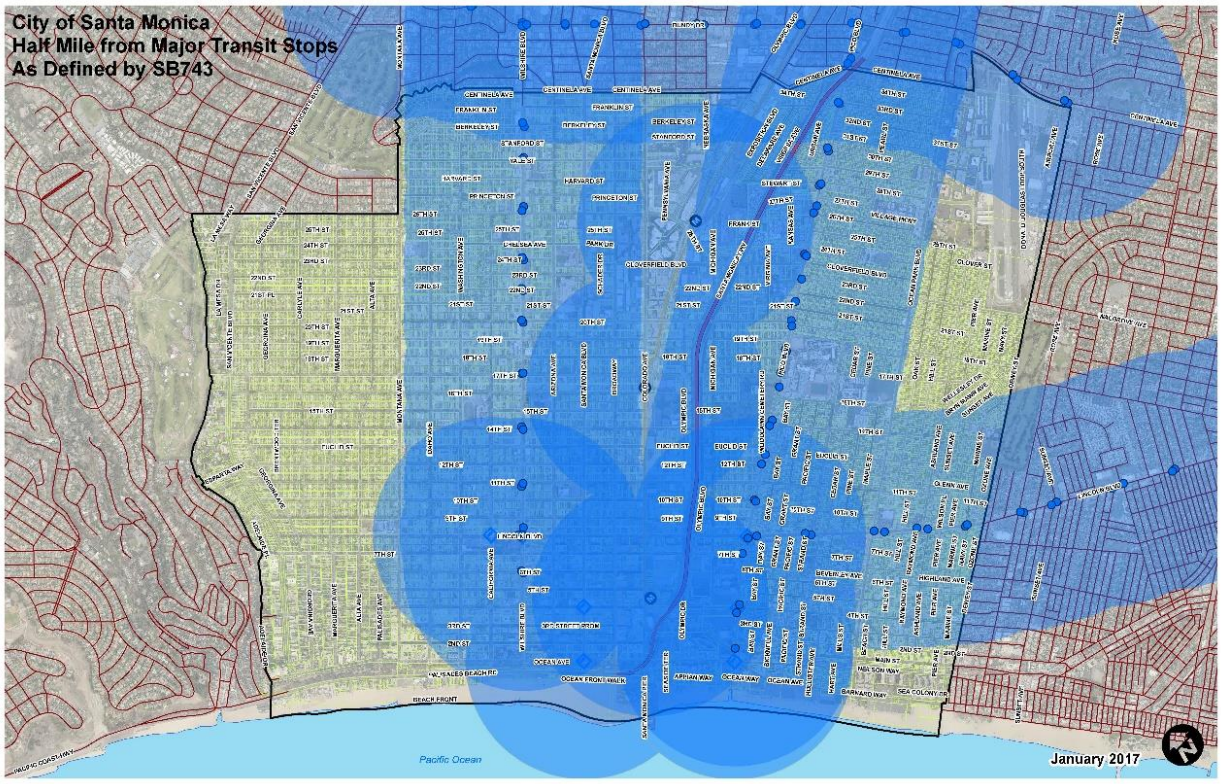
As a first step in the transportation review of projects, OPR's *Technical Advisory* provides suggested screening criteria that can be used to "screen" out projects from VMT analysis. For land use projects, the *Technical Advisory* and proposed CEQA Guideline Section 15064.3 (b)(1) state that "[g]enerally, projects within one-half mile of an existing major transit stop or a stop along an existing high quality transit corridor

should be presumed to cause a less than significant transportation impact."[2] The presumption of a less than significant impact would not apply, however, if the project:

- Has a Floor Area Ratio (FAR) of less than 0.75
- Includes more parking for use by residents, customers, or employees of the project than required by the jurisdiction (if the jurisdiction requires the project to supply parking)
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Metropolitan Planning Organization)

According to CEQA's definition of a major transit stop, a large majority of the City of Santa Monica is located within ½ mile of transit (which covers the majority of bus stops). Therefore, the application of OPR's screening criteria would effectively screen out most development projects within the City from VMT analysis without consideration to local context. As recent data have shown, even as new projects are being developed within 0.5 mile of a bus stop, ridership for Santa Monica's Big Blue Bus system has gradually declined in the past three years.

[2] *Major transit stop defined "as a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods*"



As such, Staff is proposing the following tiered screening criteria system for screening out projects from VMT analysis:

Tier 1: Does the project include the development of the following land uses, which are screened out from further analysis?

Table 1: Land uses screened out from VMT analysis

- New construction of educational facilities/institutions (such as increased classrooms, gym/recreational space, and other supportive areas) provided that there would be no student enrollment increase or if student enrollment is increased, at least 75% of the student body come from within 2.0 miles of the school
- Expansion or construction of new civic/government uses and utility facilities less than 50,000 sf or replacement of such uses/facilities (in same or another location) to serve the community; or if larger than 50,000 sf, the project would not result in more than 50 net new additional full time equivalent employees
- Local serving parks and recreational facilities
- 100% affordable housing
- 200 residential dwelling units or less
- 50,000 sf or less of commercial floor area per land use category[1]

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Tier ion or 0.25-mile walking distance of Bus Rapid Transit (BRT) stop?[2]
If no, conduct VMT analysis. If yes, move to Tier 3.

Tier 3: Would the project provide more parking than required by Code (or, if located in an area that does not require parking, exceed parking maximums)?

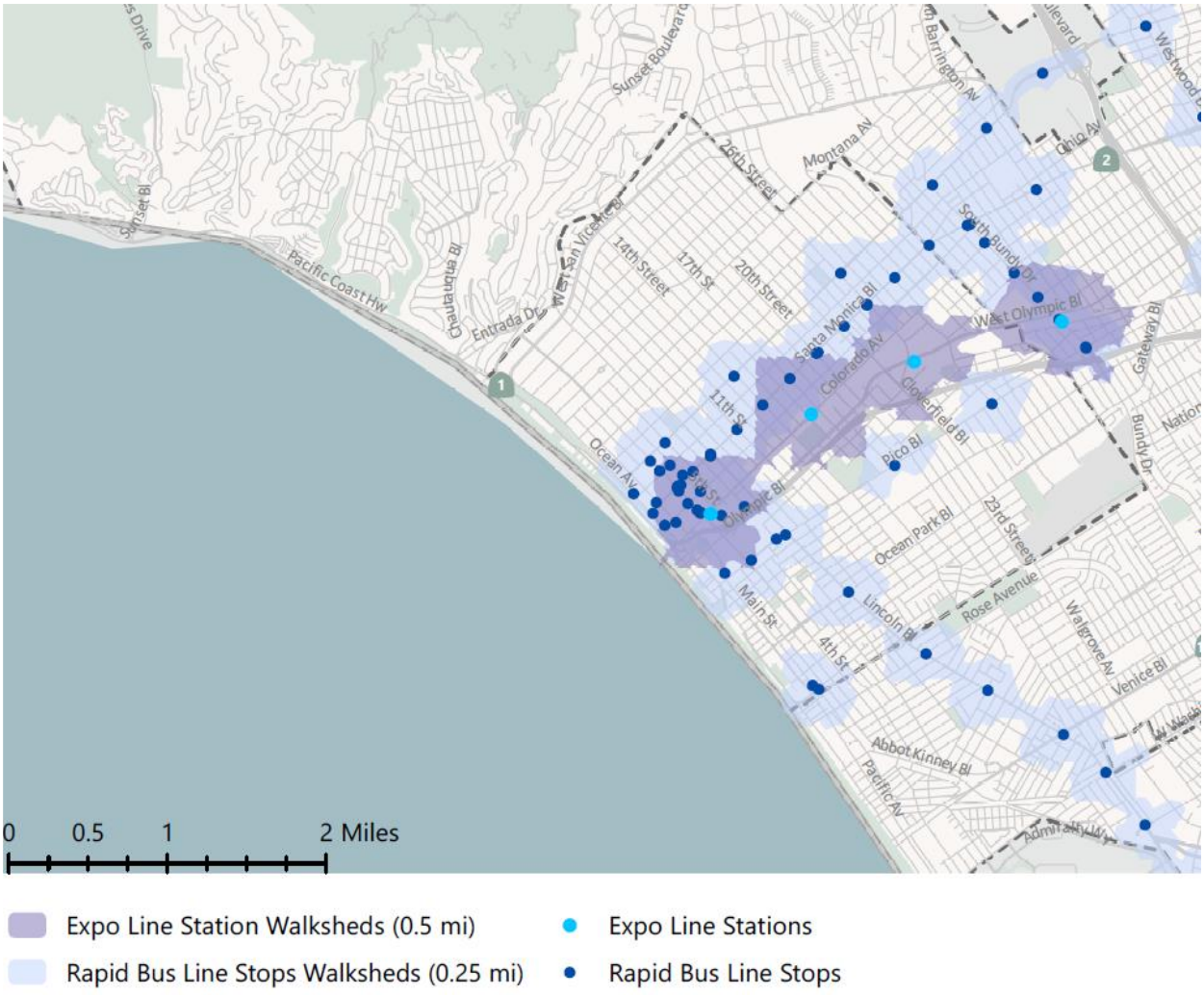
If no, no further analysis. If yes, conduct VMT analysis.

[1] Commercial uses covered under this screening criterion include (but are not limited to): office, medical office, retail, restaurant, grocery store/market, movie theater, gym/fitness, hotel, and hospital uses less than 50,000 sf. Excludes museums, amusement parks, and other large regional trip attractors as may be determined by City Staff.
[2] Walking distance is defined as the actual physical distance that a person would need to walk based on the street network. BRT stops includes stops for Big Blue Bus Rapid routes and Metro Rapid Bus routes

The first proposed screening criterion reflects consistency with current CE

QA streamlining regulations, which already exempts most projects in the City that are 200 dwelling units or less or 50,000 sf or less.[3] The second proposed criterion modifies OPR's screening criterion to screen out only those projects located within 0.5 mile walking distance of an Expo Station or 0.25 walking distance of a BRT stop (rather than all bus stops). Most transportation experts generally agree that typical transit riders will walk up to a 0.5 mile to a rail/train station and 0.25 mile to a bus stop. The last criterion addresses parking supply and is consistent with OPR's screening criteria, which ensures that a project does not oversupply parking and consequently induce driving.

[3] *Section 21155.1 (A) of CEQA provides streamlined CEQA review for a special class of Transit Priority Projects – namely, Sustainable Community Projects (SCP) that meet a list of criteria. A full CEQA exemption is provided for a project that is deemed to be a SCP. In Santa Monica, most residential and/or mixed-use projects with 200 dwelling units or less that are located in a transit priority area (within 0.5 miles of a major transit stop) are able to meet the SCP criteria and are fully exempt from CEQA. Additionally, under CEQA Section 21094.5, infill commercial and employment projects that are 50,000 square feet or less, with a FAR greater than 0.75, located within 0.5 mile of 1,800 households, and consistent with the LUCE, may qualify for CEQA streamlining, which range from a shortened EIR to a full CEQA exemption.*



Additionally, for a land use project, OPR states that a less than significant impact would also result if:

- A project decreases [total] vehicle miles traveled in the project area compared to existing conditions or
- A redevelopment project replaces existing VMT generating land uses with new uses that result in a net overall decrease in VMT.

Projects that are screened out based on the criteria above are presumed to have a less than significant impact on transportation and as such, no VMT analysis is required.

Proposed VMT Significance Thresholds

For projects that are not screened out, a VMT analysis would be required to determine if a significant transportation impact will occur. To assist in determining whether a significant impact will occur, many lead agencies rely on "thresholds of significance." The CEQA Guidelines do not prescribe specific thresholds of significance. Rather, lead agencies have discretion to develop and adopt their own or rely on thresholds recommended by other agencies provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence.

SB 743 directed OPR to propose suggested thresholds for determining the significance of transportation impacts. In accordance with this directive, OPR's *Technical Advisory* provides suggested significance thresholds for determining whether a project would have a significant VMT impact. However, as noted in the advisory, the suggested thresholds are not binding and lead agencies have the discretion to set or apply their own thresholds of significance.

Land Use Projects

For land use development projects, OPR's *Technical Advisory* states that a project's VMT should be calculated separately for each type of land use and recommends the following thresholds for Residential, Office, and Retail land uses:

Land Use	**OPR Suggested Threshold**
Residential	Exceeds 15% below existing VMT per capita (regional or city)
Office	Exceeds 15% below existing regional VMT per employee
Retail	Any net increase in total VMT

OPR's thresholds are based on extensive research and analysis which generally indicate that adoption of the 15% below existing per capita thresholds would achieve the State's long-term climate reduction goals specified in Assembly Bill 32, Senate Bills 32

and 391, Executive Orders B-30-15, S-3-05, B-16-12, B-55-18, and the California Air Resource Board (CARB)'s 2017 Climate Change Scoping Plan Update.

Rather than applying OPR's suggested thresholds of significance, Staff is proposing the use of City-specific thresholds that are more locally sensitive. The City of Santa Monica is an urban coastal community with unique land use and transportation characteristics that greatly influence travel behavior. The City's compact character combined with the availability of various mobility options results in a VMT per capita that is already significantly lower than the regional average. Furthermore, while the City has made considerable progress in expanding and promoting sustainable transportation options, the City's recently adopted Climate Action and Adaptation Plan (CAAP) establishes an ambitious roadmap for reducing greenhouse gas (GHG) emissions – 80% reduction (below 1990 levels) in carbon emissions by 2030 and Carbon Neutrality by 2050 or sooner. As indicated in the CAAP, transportation GHG emissions account for 64% of Citywide GHG emissions. To achieve the CAAP GHG reduction targets, the CAAP estimates a 16.3% reduction in transportation VMT will be required. To that end, the City's VMT thresholds should align with the transportation assumptions in the CAAP. Additionally, in consideration of the fact that most of the projects in Santa Monica are mixed-use by nature and to ensure that the VMT thresholds do not hinder the production of much needed housing, the City is proposing VMT thresholds that are uniquely more flexible to achieve the desired VMT reductions envisioned by the State.

To comply with SB743 while ensuring that future projects would support the City's progress in achieving mobility, land use planning, and sustainability goals, Staff is proposing two sets of VMT thresholds, both of which would be applied to projects subject to CEQA:

1) VMT per capita: Based on the most recent data from the City's Travel Demand Forecasting Model (TDFM), the City's daily average VMT per capita for residents is 9.0 miles/resident and the average VMT per capita for commercial employees is 19.2 miles/employee. As such, the City proposes the following significance criterion:

- A project's VMT per capita must not exceed the existing Citywide average VMT per capita for that particular land use.[4]

Table 1: City of Santa Monica Proposed VMT Thresholds: Significance Criteria 1

Land Use	**Proposed Threshold**
Residential	No greater than existing Citywide average VMT/capita
Commercial Employee	No greater than existing Citywide average VMT/capita
Retail	Any net increase in total City VMT

and

2) Total VMT threshold: Based on the California Air Resources Board 2017 Scoping Plan, if every project reduces its VMT by at least 16.8%, the GHG reduction goals established by the State could be achieved. In addition, the City's CAAP estimates that a 16.3% reduction in transportation VMT is necessary to achieve carbon neutrality goals. As such, Staff proposes a second significance criterion:
    - The Project's combined residential and employee VMT for all uses must be at least 16.8% below existing Citywide "business as usual" VMT per capita. Business as Usual VMT is defined as what the calculated VMT for the Project would be if the Project were generating VMT per capita at the existing citywide average.

[4] As of this writing, the existing citywide average VMT for residents is 9.0 per capita and for commercial employee is 19.2 per employee.

Table 2: City of Santa Monica Proposed VMT Thresholds: Significance Criteria 2

		Example Calculation			
	Project VMT	**Existing City Average VMT/capita**	**Project Population**	**Business as Usual (BAU) VMT**	**Proposed Threshold**
Residential	A	9.0	D	= (9.0 x D)	
Commercial Employee	B	19.2	E	= (19.2 x E)	
	Total Resident + Employee VMT (A +B)			**Total BAU VMT**	**Is Total Resident + Employee VMT at least 16.8% lower than Total BAU VMT?**

These City-specific thresholds reflect a local consideration to the City's existing transportation conditions as well as State and local land use and sustainability goals. This strategic approach would also ensure that new development will not hinder the City's progress towards reducing GHG emissions, improving mobility options, and implementation of the LUCE.

Transportation Projects

OPR also provides a set of screening criteria and significance criteria to address the VMT impacts of transportation projects. In the past, transportation projects that alleviated congestion, such as roadway widenings, were considered to have a beneficial environmental impact under CEQA. In reality though, decades of roadway enhancement projects have proven that adding more vehicle capacity has an adverse environmental impact by inducing more vehicle travel, thus adding to air pollutant and GHG emissions. In contrast, transportation projects that improved or created new sustainable mobility options such as bicycle lanes, bus lanes, and sidewalk improvements were considered to have an adverse CEQA impact due to their effects on decreasing vehicular capacity.

With the switch to VMT, transportation projects that would induce vehicle travel would be considered to have an adverse significant transportation impact on the environment. For transportation projects, Staff proposes to adopt the recommended screening criteria

and significance thresholds in OPR's *Technical Advisory* with some minor local amendments.

Similar to the methodology for analyzing land use projects, transportation projects would be reviewed to determine if they fall within a category of projects that can be screened out from VMT analysis. Transportation projects that are screened out presumably would not lead to a substantial or measurable increase in vehicle travel, and therefore generally would have a less than significant impact on VMT. These projects include a range of bicycle, pedestrian, and transit projects including typical maintenance and operations projects (such as signalization, minor improvements including traffic calming devices and wayfinding signage, etc.). The full list of transportation projects that would be screened from VMT analysis are provided in Attachment B.

Adding roadway capacity or potentially building new roadways typically induces additional vehicle travel. For these types of projects, a VMT analysis should be conducted to determine if they lead to additional vehicle travel. A significant impact would occur if it would increase total Citywide VMT.

Updating the Multi-modal Transportation Impact Fee (TIF)

With the shift from LOS to VMT and a streamlined CEQA review process, Santa Monica remains committed to vehicle trip reduction and congestion management to achieve community safety, environmental and quality of life goals. The adopted LUCE puts forth a goal of "No Net New PM Peak Hour trips" and outlines multi-modal physical infrastructure, integrated land use and transportation, and programs to achieve the target. It is crucial to proactively and effectively provide mobility and access options to achieve these goals, especially at a time when positioning Santa Monica as a clean and safe community to live, work, and visit is a critical component of the City's post-COVID-19 economic recovery plan. With adoption of the LUCE, the City also created a Transportation Impact Fee (TIF) to help fund safe and continuous networks, facilities for people of all ages and abilities, and systems that provide for multiple trip purposes and combined modes.

During the Planning Commission hearings about SB743 in January and May 2020, staff proposed an increase in the TIF. As indicated in the May 2020 staff report, the adopted fee was not established at 100% cost recovery and assumed the use of substantial matching funds and outside grants. The availability of general funds, outside matching, and grant dollars, as well as the staff resources necessary to obtain them have been reduced at this time due to the budgetary impacts of COVID-19. Staff will be returning to City Council in the next month with a proposed modest increase to the multi-modal TIF to complement the current round of CEQA streamlining while continuing to address the potential trip generation of future development projects in light of new budget constraints.

Financial Impacts and Budget Actions

There is no immediate financial impact or budget action necessary as a result of the recommended action. The adoption of new VMT thresholds will streamline processing of projects and reduce staff effort for the environmental review of projects. With the transition to VMT, the transportation review of projects would be shortened from an average of 4-5 months to a few weeks. Modifying the Transportation Impact Fee would have an impact on revenue and will be discussed when that item is before Council.

Prepared By: Rachel Kwok, Environmental Planner

Approved	**Forwarded to Council**
David Martin, Director 6/4/2020	Lane Dilg, Interim City Manager 6/5/2020

Attachments:

A. Attachment A_OPR_Technical_Advisory
B. Attachment B - Screened Transportation Projects
C. Proposed Resolution - SB743 Guidelines

TECHNICAL ADVISORY

ON EVALUATING TRANSPORTATION IMPACTS IN CEQA

December 2018

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A. Introduction

This technical advisory is one in a series of advisories provided by the Governor's Office of Planning and Research (OPR) as a service to professional planners, land use officials, and CEQA practitioners. OPR issues technical assistance on issues that broadly affect the practice of land use planning and the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.). (Gov. Code, § 65040, subds. (g), (l), (m).) The purpose of this document is to provide advice and recommendations, which agencies and other entities may use at their discretion. This document does not alter lead agency discretion in preparing environmental documents subject to CEQA. This document should not be construed as legal advice.

Senate Bill 743 (Steinberg, 2013), which was codified in Public Resources Code section 21099, required changes to the guidelines implementing CEQA (CEQA Guidelines) (Cal. Code Regs., Title 14, Div. 6, Ch. 3, § 15000 et seq.) regarding the analysis of transportation impacts. As one appellate court recently explained: "During the last 10 years, the Legislature has charted a course of long-term sustainability based on denser infill development, reduced reliance on individual vehicles and improved mass transit, all with the goal of reducing greenhouse gas emissions. Section 21099 is part of that strategy . . . ." (*Covina Residents for Responsible Development v. City of Covina* (2018) 21 Cal.App.5th 712, 729.) Pursuant to Section 21099, the criteria for determining the significance of transportation impacts must "promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses." (*Id.*, subd. (b)(1); see generally, adopted CEQA Guidelines, § 15064.3, subd. (b) [Criteria for Analyzing Transportation Impacts].) To that end, in developing the criteria, OPR has proposed, and the California Natural Resources Agency (Agency) has certified and adopted, changes to the CEQA Guidelines that identify vehicle miles traveled (VMT) as the most appropriate metric to evaluate a project's transportation impacts. With the California Natural Resources Agency's certification and adoption of the changes to the CEQA Guidelines, automobile delay, as measured by "level of service" and other similar metrics, generally no longer constitutes a significant environmental effect under CEQA. (Pub. Resources Code, § 21099, subd. (b)(3).)

This advisory contains technical recommendations regarding assessment of VMT, thresholds of significance, and mitigation measures. Again, OPR provides this Technical Advisory as a resource for the public to use at their discretion. OPR is not enforcing or attempting to enforce any part of the recommendations contained herein. (Gov. Code, § 65035 ["It is not the intent of the Legislature to vest in the Office of Planning and Research any direct operating or regulatory powers over land use, public works, or other state, regional, or local projects or programs."].)

This December 2018 technical advisory is an update to the advisory it published in April 2018. OPR will continue to monitor implementation of these new provisions and may update or supplement this advisory in response to new information and advancements in modeling and methods.

B. Background

VMT and Greenhouse Gas Emissions Reduction. Senate Bill 32 (Pavley, 2016) requires California to reduce greenhouse gas (GHG) emissions 40 percent below 1990 levels by 2030, and Executive Order B-16-12 provides a target of 80 percent below 1990 emissions levels for the transportation sector by 2050. The transportation sector has three major means of reducing GHG emissions: increasing vehicle efficiency, reducing fuel carbon content, and reducing the amount of vehicle travel. The California Air Resources Board (CARB) has provided a path forward for achieving these emissions reductions from the transportation sector in its 2016 Mobile Source Strategy. CARB determined that it will not be possible to achieve the State's 2030 and post-2030 emissions goals without reducing VMT growth. Further, in its 2018 Progress Report on California's Sustainable Communities and Climate Protection Act, CARB found that despite the State meeting its 2020 climate goals, "emissions from statewide passenger vehicle travel per capita [have been] increasing and going in the wrong direction," and "California cannot meet its [long-term] climate goals without curbing growth in single-occupancy vehicle activity."[1] CARB also found that "[w]ith emissions from the transportation sector continuing to rise despite increases in fuel efficiency and decreases in the carbon content of fuel, California will not achieve the necessary greenhouse gas emissions reductions to meet mandates for 2030 and beyond without significant changes to how communities and transportation systems are planned, funded, and built."[2]

Thus, to achieve the State's long-term climate goals, California needs to reduce per capita VMT. This can occur under CEQA through VMT mitigation. Half of California's GHG emissions come from the transportation sector[3], therefore, reducing VMT is an effective climate strategy, which can also result in co-benefits.[4] Furthermore, without early VMT mitigation, the state may follow a path that meets GHG targets in the early years, but finds itself poorly positioned to meet more stringent targets later. For example, in absence of VMT analysis and mitigation in CEQA, lead agencies might rely upon verifiable offsets for GHG mitigation, ignoring the longer-term climate change impacts resulting from land use development and infrastructure investment decisions. As stated in CARB's 2017 Scoping Plan:

> "California's future climate strategy will require increased focus on integrated land use planning to support livable, transit-connected communities, and conservation of agricultural and other lands. Accommodating population and economic growth through travel- and energy-efficient land use provides GHG-efficient growth, reducing GHGs from both transportation and building energy use. GHGs can be further reduced at the project level through implementing energy-efficient construction and travel demand management approaches."[5] (*Id.* at p. 102.)

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[1] California Air Resources Board (Nov. 2018) *2018 Progress Report on California's Sustainable Communities and Climate Protection Act*, pp. 4, 5, available at https://ww2.arb.ca.gov/sites/default/files/2018-11/Final2018Report_SB150_112618_02_Report.pdf.

[2] *Id.*, p. 28.

[3] See https://ca50million.ca.gov/transportation/

[4] Fang et al. (2017) *Cutting Greenhouse Gas Emissions Is Only the Beginning: A Literature Review of the Co-Benefits of Reducing Vehicle Miles Traveled*.

[5] California Air Resources Board (Nov. 2017) *California's 2017 Climate Change Scoping Plan*, p. 102, available at https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf.

In light of this, the 2017 Scoping Plan describes and quantifies VMT reductions needed to achieve our long-term GHG emissions reduction goals, and specifically points to the need for statewide deployment of the VMT metric in CEQA:

> "Employing VMT as the metric of transportation impact statewide will help to ensure GHG reductions planned under SB 375 will be achieved through on-the-ground development, and will also play an important role in creating the additional GHG reductions needed beyond SB 375 across the State. Implementation of this change will rely, in part, on local land use decisions to reduce GHG emissions associated with the transportation sector, both at the project level, and in long-term plans (including general plans, climate action plans, specific plans, and transportation plans) and supporting sustainable community strategies developed under SB 375."[6]

VMT and Other Impacts to Health and Environment. VMT mitigation also creates substantial benefits (sometimes characterized as "co-benefits" to GHG reduction) in both in the near-term and the long-term. Beyond GHG emissions, increases in VMT also impact human health and the natural environment. Human health is impacted as increases in vehicle travel lead to more vehicle crashes, poorer air quality, increases in chronic diseases associated with reduced physical activity, and worse mental health. Increases in vehicle travel also negatively affect other road users, including pedestrians, cyclists, other motorists, and many transit users. The natural environment is impacted as higher VMT leads to more collisions with wildlife and fragments habitat. Additionally, development that leads to more vehicle travel also tends to consume more energy, water, and open space (including farmland and sensitive habitat). This increase in impermeable surfaces raises the flood risk and pollutant transport into waterways.[7]

VMT and Economic Growth. While it was previously believed that VMT growth was a necessary component of economic growth, data from the past two decades shows that economic growth is possible without a concomitant increase in VMT. (Figure 1.) Recent research shows that requiring development projects to mitigate LOS may actually reduce accessibility to destinations and impede economic growth.[8,9]

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[6] *Id.* at p. 76.

[7] Fang et al. (2017) *Cutting Greenhouse Gas Emissions Is Only the Beginning: A Literature Review of the Co-Benefits of Reducing Vehicle Miles Traveled*, available at https://ncst.ucdavis.edu/wp-content/uploads/2017/03/NCST-VMT-Co-Benefits-White-Paper_Fang_March-2017.pdf.

[8] Haynes et al. (Sept. 2015) *Congested Development: A Study of Traffic Delays, Access, and Economic Activity in Metropolitan Los Angeles*, available at http://www.its.ucla.edu/wp-content/uploads/sites/6/2015/11/Haynes_Congested-Development_1-Oct-2015_final.pdf.

[9] Osman et al. (Mar. 2016) *Not So Fast: A Study of Traffic Delays, Access, and Economic Activity in the San Francisco Bay Area*, available at http://www.its.ucla.edu/wp-content/uploads/sites/6/2016/08/Taylor-Not-so-Fast-04-01-2016_final.pdf.

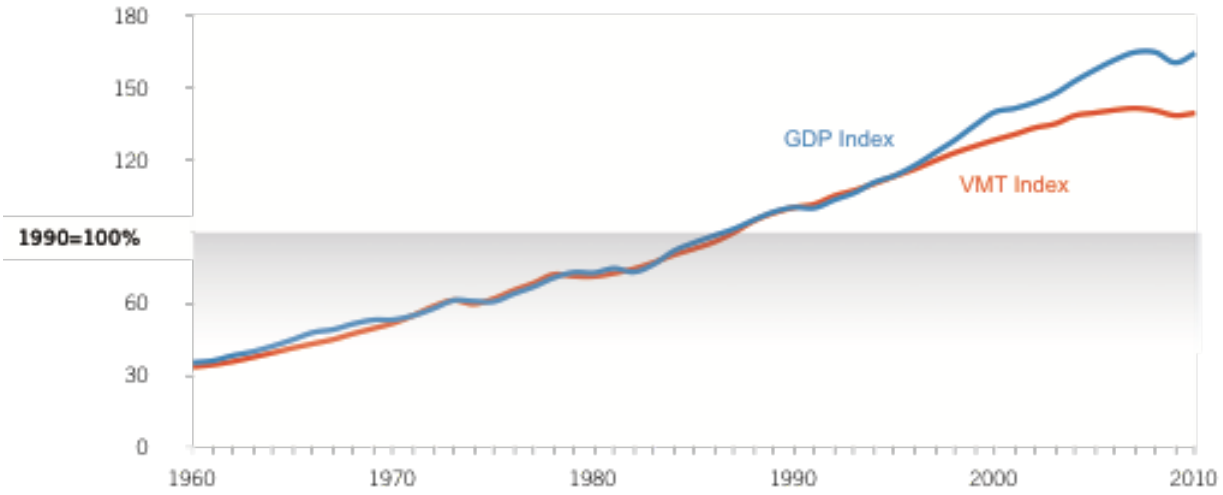

Figure 1. Kooshian and Winkelman (2011) *VMT and Gross Domestic Product (GDP), 1960-2010*.

C. Technical Considerations in Assessing Vehicle Miles Traveled

Many practitioners are familiar with accounting for VMT in connection with long-range planning, or as part of the CEQA analysis of a project's greenhouse gas emissions or energy impacts. This document provides technical information on how to assess VMT as part of a transportation impacts analysis under CEQA. Appendix 1 provides a description of which VMT to count and options on how to count it. Appendix 2 provides information on induced travel resulting from roadway capacity projects, including the mechanisms giving rise to induced travel, the research quantifying it, and information on additional approaches for assessing it.

1. Recommendations Regarding Methodology

Proposed Section 15064.3 explains that a "lead agency may use models to estimate a project's vehicle miles traveled . . . ." CEQA generally defers to lead agencies on the choice of methodology to analyze impacts. (*Santa Monica Baykeeper v. City of Malibu* (2011) 193 Cal.App.4th 1538, 1546; see *Laurel Heights Improvement Assn. v. Regents of University of California* (1988) 47 Cal.3d 376, 409 ["the issue is not whether the studies are irrefutable or whether they could have been better" … rather, the "relevant issue is only whether the studies are sufficiently credible to be considered" as part of the lead agency's overall evaluation].) This section provides suggestions to lead agencies regarding methodologies to analyze VMT associated with a project.

Vehicle Types. Proposed Section 15064.3, subdivision (a), states, "For the purposes of this section, 'vehicle miles traveled' refers to the amount and distance of automobile travel attributable to a project." Here, the term "automobile" refers to on-road passenger vehicles, specifically cars and light trucks. Heavy-duty truck VMT could be included for modeling convenience and ease of calculation (for example, where models or data provide combined auto and heavy truck VMT). For an apples-to-apples

comparison, vehicle types considered should be consistent across project assessment, significance thresholds, and mitigation.

Residential and Office Projects. Tour- and trip-based approaches[10] offer the best methods for assessing VMT from residential/office projects and for comparing those assessments to VMT thresholds. These approaches also offer the most straightforward methods for assessing VMT reductions from mitigation measures for residential/office projects. When available, tour-based assessment is ideal because it captures travel behavior more comprehensively. But where tour-based tools or data are not available for all components of an analysis, a trip-based assessment of VMT serves as a reasonable proxy.

Models and methodologies used to calculate thresholds, estimate project VMT, and estimate VMT reduction due to mitigation should be comparable. For example:

- A tour-based assessment of project VMT should be compared to a tour-based threshold, or a trip-based assessment to a trip-based VMT threshold.
- Where a travel demand model is used to determine thresholds, the same model should also be used to provide trip lengths as part of assessing project VMT.
- Where only trip-based estimates of VMT reduction from mitigation are available, a trip-based threshold should be used, and project VMT should be assessed in a trip-based manner.

When a trip-based method is used to analyze a residential project, the focus can be on home-based trips. Similarly, when a trip-based method is used to analyze an office project, the focus can be on home-based work trips.

When tour-based models are used to analyze an office project, either employee work tour VMT or VMT from all employee tours may be attributed to the project. This is because workplace location influences overall travel. For consistency, the significance threshold should be based on the same metric: either employee work tour VMT or VMT from all employee tours.

For office projects that feature a customer component, such as a government office that serves the public, a lead agency can analyze the customer VMT component of the project using the methodology for retail development (see below).

Retail Projects. Generally, lead agencies should analyze the effects of a retail project by assessing the change in total VMT[11] because retail projects typically re-route travel from other retail destinations. A retail project might lead to increases or decreases in VMT, depending on previously existing retail travel patterns.

[10] See Appendix 1, *Considerations About Which VMT to Count,* for a description of these approaches.
[11] See Appendix 1, *Considerations About Which VMT to Count, "*Assessing Change in Total VMT" section, for a description of this approach.

Considerations for All Projects. Lead agencies should not truncate any VMT analysis because of jurisdictional or other boundaries, for example, by failing to count the portion of a trip that falls outside the jurisdiction or by discounting the VMT from a trip that crosses a jurisdictional boundary. CEQA requires environmental analyses to reflect a "good faith effort at full disclosure." (CEQA Guidelines, § 15151.) Thus, where methodologies exist that can estimate the full extent of vehicle travel from a project, the lead agency should apply them to do so. Where those VMT effects will grow over time, analyses should consider both a project's short-term and long-term effects on VMT.

Combining land uses for VMT analysis is not recommended. Different land uses generate different amounts of VMT, so the outcome of such an analysis could depend more on the mix of uses than on their travel efficiency. As a result, it could be difficult or impossible for a lead agency to connect a significance threshold with an environmental policy objective (such as a target set by law), inhibiting the CEQA imperative of identifying a project's significant impacts and providing mitigation where feasible. Combining land uses for a VMT analysis could streamline certain mixes of uses in a manner disconnected from policy objectives or environmental outcomes. Instead, OPR recommends analyzing each use separately, or simply focusing analysis on the dominant use, and comparing each result to the appropriate threshold. Recommendations for methods of analysis and thresholds are provided below. In the analysis of each use, a mixed-use project should take credit for internal capture.

Any project that includes in its geographic bounds a portion of an existing or planned Transit Priority Area (i.e., the project is within a ½ mile of an existing or planned major transit stop or an existing stop along a high quality transit corridor) may employ VMT as its primary metric of transportation impact for the entire project. (See Pub. Resources Code, § 21099, subds. (a)(7), (b)(1).)

Cumulative Impacts. A project's cumulative impacts are based on an assessment of whether the "incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects." (Pub. Resources Code, § 21083, subd. (b)(2); see CEQA Guidelines, § 15064, subd. (h)(1).) When using an absolute VMT metric, i.e., total VMT (as recommended below for retail and transportation projects), analyzing the combined impacts for a cumulative impacts analysis may be appropriate. However, metrics such as VMT per capita or VMT per employee, i.e., metrics framed in terms of efficiency (as recommended below for use on residential and office projects), cannot be summed because they employ a denominator. A project that falls below an efficiency-based threshold that is aligned with long-term environmental goals and relevant plans would have no cumulative impact distinct from the project impact. Accordingly, a finding of a less-than-significant project impact would imply a less than significant cumulative impact, and vice versa. This is similar to the analysis typically conducted for greenhouse gas emissions, air quality impacts, and impacts that utilize plan compliance as a threshold of significance. (See *Center for Biological Diversity v. Department of Fish & Wildlife* (2015) 62 Cal.4th 204, 219, 223; CEQA Guidelines, § 15064, subd. (h)(3).)

D. General Principles to Guide Consideration of VMT

SB 743 directs OPR to establish specific "criteria for determining the significance of transportation impacts of projects[.]" (Pub. Resources Code, § 21099, subd. (b)(1).) In establishing this criterion, OPR was guided by the general principles contained within CEQA, the CEQA Guidelines, and applicable case law.

To assist in the determination of significance, many lead agencies rely on "thresholds of significance." The CEQA Guidelines define a "threshold of significance" to mean "an identifiable **quantitative, qualitative[12] or performance level** of a particular environmental effect, non-compliance with which means the effect will ***normally*** be determined to be significant by the agency and compliance with which means the effect ***normally*** will be determined to be less than significant." (CEQA Guidelines, § 15064.7, subd. (a) (emphasis added).) Lead agencies have discretion to develop and adopt their own, or rely on thresholds recommended by other agencies, "provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence." (*Id*. at subd. (c); *Save Cuyama Valley v. County of Santa Barbara* (2013) 213 Cal.App.4th 1059, 1068.) Substantial evidence means "enough relevant information and reasonable inferences from this information that a fair argument can be made to support a conclusion, even though other conclusions might also be reached." (*Id*. at § 15384 (emphasis added); *Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th 1099, 1108-1109.)

Additionally, the analysis leading to the determination of significance need not be perfect. The CEQA Guidelines describe the standard for adequacy of environmental analyses:

> An EIR should be prepared with a sufficient degree of analysis to provide decision makers with information which enables them to **make a decision which intelligently takes account of environmental consequences**. An evaluation of the environmental effects of a proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in the light of what is **reasonably feasible**. Disagreement among experts does not make an EIR inadequate, but the EIR should summarize the main points of disagreement among the experts. The **courts have looked not for perfection** but for **adequacy**, **completeness**, and a **good faith effort** at full disclosure.

(CEQA Guidelines, § 15151 (emphasis added).)

These general principles guide OPR's recommendations regarding thresholds of significance for VMT set forth below.

[12] Generally, qualitative analyses should only be conducted when methods do not exist for undertaking a quantitative analysis.

E. Recommendations Regarding Significance Thresholds

As noted above, lead agencies have the discretion to set or apply their own thresholds of significance. (*Center for Biological Diversity v. California Dept. of Fish & Wildlife* (2015) 62 Cal.4th 204, 218-223 [lead agency had discretion to use compliance with AB 32's emissions goals as a significance threshold]; *Save Cuyama Valley v. County of Santa Barbara* (2013) 213 Cal.App.4th at p. 1068.) However, Section 21099 of the Public Resources Code states that the criteria for determining the significance of transportation impacts must promote: (1) reduction of greenhouse gas emissions; (2) development of multimodal transportation networks; and (3) a diversity of land uses. It further directed OPR to prepare and develop criteria for determining significance. (Pub. Resources Code, § 21099, subd. (b)(1).) This section provides OPR's suggested thresholds, as well as considerations for lead agencies that choose to adopt their own

The VMT metric can support the three statutory goals: "the reduction of greenhouse gas emissions, the development of multimodal transportation networks, ***and*** a diversity of land uses." (Pub. Resources Code, § 21099, subd. (b)(1), emphasis added.) However, in order for it to promote and support all three, lead agencies should select a significance threshold that aligns with state law on all three. State law concerning the development of multimodal transportation networks and diversity of land uses requires planning for and prioritizing increases in complete streets and infill development, but does not mandate a particular depth of implementation that could translate into a particular threshold of significance. Meanwhile, the State has clear quantitative targets for GHG emissions reduction set forth in law and based on scientific consensus, and the depth of VMT reduction needed to achieve those targets has been quantified. Tying VMT thresholds to GHG reduction also supports the two other statutory goals. Therefore, to ensure adequate analysis of transportation impacts, OPR recommends using quantitative VMT thresholds linked to GHG reduction targets when methods exist to do so.

Various legislative mandates and state policies establish quantitative greenhouse gas emissions reduction targets. For example:

- Assembly Bill 32 (2006) requires statewide GHG emissions reductions to 1990 levels by 2020 and continued reductions beyond 2020.

- Senate Bill 32 (2016) requires at least a 40 percent reduction in GHG emissions from 1990 levels by 2030.

- Pursuant to Senate Bill 375 (2008), the California Air Resources Board GHG emissions reduction targets for metropolitan planning organizations (MPOs) to achieve based on land use patterns and transportation systems specified in Regional Transportation Plans and Sustainable Community Strategies (RTP/SCS). Current targets for the State's largest MPOs call for a 19 percent reduction in GHG emissions from cars and light trucks from 2005 emissions levels by 2035.

- Executive Order B-30-15 (2015) sets a GHG emissions reduction target of 40 percent below 1990 levels by 2030.

- Executive Order S-3-05 (2005) sets a GHG emissions reduction target of 80 percent below 1990 levels by 2050.

- Executive Order B-16-12 (2012) specifies a GHG emissions reduction target of 80 percent below 1990 levels by 2050 specifically for transportation.

- Executive Order B-55-18 (2018) established an additional statewide goal of achieving carbon neutrality as soon as possible, but no later than 2045, and maintaining net negative emissions thereafter. It states, "The California Air Resources Board shall work with relevant state agencies to develop a framework for implementation and accounting that tracks progress toward this goal."

- Senate Bill 391 requires the California Transportation Plan to support 80 percent reduction in GHGs below 1990 levels by 2050.

- The *California Air Resources Board Mobile Source Strategy* (2016) describes California's strategy for containing air pollutant emissions from vehicles, and quantifies VMT growth compatible with achieving state targets.

- The California Air Resources Board's *2017 Climate Change Scoping Plan Update: The Strategy for Achieving California's 2030 Greenhouse Gas Target* describes California's strategy for containing GHG emissions from vehicles, and quantifies VMT growth compatible with achieving state targets.

Considering these various targets, the California Supreme Court observed:

> Meeting our statewide reduction goals does not preclude all new development. Rather, the Scoping Plan … assumes continued growth and depends on increased efficiency and conservation in land use and transportation from all Californians.

(*Center for Biological Diversity v. California Dept. of Fish & Wildlife*, *supra*, 62 Cal.4th at p. 220.) Indeed, the Court noted that when a lead agency uses consistency with climate goals as a way to determine significance, particularly for long-term projects, the lead agency must consider the project's effect on meeting long-term reduction goals. (*Ibid*.) And more recently, the Supreme Court stated that "CEQA requires public agencies . . . to ensure that such analysis stay in step with evolving scientific knowledge and state regulatory schemes." (*Cleveland National Forest Foundation v. San Diego Assn. of Governments* (2017) 3 Cal.5th 497, 504.)

Meeting the targets described above will require substantial reductions in existing VMT per capita to curb GHG emissions and other pollutants. But targets for overall GHG emissions reduction do not translate directly into VMT thresholds for individual projects for many reasons, including:

- Some, but not all, of the emissions reductions needed to achieve those targets could be accomplished by other measures, including increased vehicle efficiency and decreased fuel carbon content. The CARB's *First Update to the Climate Change Scoping Plan* explains:

"Achieving California's long-term criteria pollutant and GHG emissions goals will require four strategies to be employed: (1) improve vehicle efficiency and develop zero emission technologies, (2) reduce the carbon content of fuels and provide market support to get these lower-carbon fuels into the marketplace, (3) **plan and build communities to reduce vehicular GHG emissions and provide more transportation options, and (4) improve the efficiency and throughput of existing transportation systems.**"[13] CARB's *2018 Progress Report on California's Sustainable Communities and Climate Protection Act* states on page 28 that "California cannot meet its climate goals without curbing growth in single-occupancy vehicle activity." In other words, vehicle efficiency and better fuels are necessary, but insufficient, to address the GHG emissions from the transportation system. Land use patterns and transportation options also will need to change to support reductions in vehicle travel/VMT.

- New land use projects alone will not sufficiently reduce per-capita VMT to achieve those targets, nor are they expected to be the sole source of VMT reduction.

- Interactions between land use projects, and also between land use and transportation projects, existing and future, together affect VMT.

- Because location within the region is the most important determinant of VMT, in some cases, streamlining CEQA review of projects in travel efficient locations may be the most effective means of reducing VMT.

- When assessing climate impacts of some types of land use projects, use of an efficiency metric (e.g., per capita, per employee) may provide a better measure of impact than an absolute numeric threshold. (*Center for Biological Diversity*, *supra*.)

Public Resources Code section 21099 directs OPR to propose criteria for determining the significance of transportation impacts. In this Technical Advisory, OPR provides its recommendations to assist lead agencies in selecting a significance threshold that may be appropriate for their particular projects. While OPR's Technical Advisory is not binding on public agencies, CEQA allows lead agencies to "consider thresholds of significance . . . recommended by other public agencies, provided the decision to adopt those thresholds is supported by substantial evidence." (CEQA Guidelines, § 15064.7, subd. (c).) Based on OPR's extensive review of the applicable research, and in light of an assessment by the California Air Resources Board quantifying the need for VMT reduction in order to meet the State's long-term climate goals, **OPR recommends that a per capita or per employee VMT that is fifteen percent below that of existing development may be a reasonable threshold**.

Fifteen percent reductions in VMT are achievable at the project level in a variety of place types.[14]

Moreover, a fifteen percent reduction is consistent with SB 743's direction to OPR to select a threshold that will help the State achieve its climate goals. As described above, section 21099 states that the

[13] California Air Resources Board (May 2014) *First Update to the Climate Change Scoping Plan*, p. 46 (emphasis added).
[14] CAPCOA (2010) *Quantifying Greenhouse Gas Mitigation Measures*, p. 55, available at http://www.capcoa.org/wp-content/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf.

criteria for determining significance must "promote the reduction in greenhouse gas emissions." In its document *California Air Resources Board 2017 Scoping Plan-Identified VMT Reductions and Relationship to State Climate Goals*[15], CARB assesses VMT reduction per capita consistent with its evidence-based modeling scenario that would achieve State climate goals of 40 percent GHG emissions reduction from 1990 levels by 2030 and 80 percent GHG emissions reduction levels from 1990 by 2050. Applying California Department of Finance population forecasts, CARB finds per-capita light-duty vehicle travel would need to be approximately 16.8 percent lower than existing, and overall per-capita vehicle travel would need to be approximately 14.3 percent lower than existing levels under that scenario. Below these levels, a project could be considered low VMT and would, on that metric, be consistent with 2017 Scoping Plan Update assumptions that achieve climate state climate goals.

CARB finds per capita vehicle travel would need to be kept below what today's policies and plans would achieve.

CARB's assessment is based on data in the 2017 Scoping Plan Update and 2016 Mobile Source Strategy. In those documents, CARB previously examined the relationship between VMT and the state's GHG emissions reduction targets. The Scoping Plan finds:

> "While the State can do more to accelerate and incentivize these local decisions, local actions that reduce VMT are also necessary to meet transportation sector-specific goals and achieve the 2030 target under SB 32. Through developing the Scoping Plan, CARB staff is more convinced than ever that, in addition to achieving GHG reductions from cleaner fuels and vehicles, California must also reduce VMT. Stronger SB 375 GHG reduction targets will enable the State to make significant progress toward needed reductions, but alone will not provide the VMT growth reductions needed; there is a gap between what SB 375 can provide and what is needed to meet the State's 2030 and 2050 goals."[16]

Note that, at present, consistency with RTP/SCSs does not necessarily lead to a less-than-significant VMT impact.[17] As the Final 2017 Scoping Plan Update states,

> VMT reductions are necessary to achieve the 2030 target and must be part of any strategy evaluated in this Plan. Stronger SB 375 GHG reduction targets will enable the State to make significant progress toward this goal, but alone will not provide all of the VMT growth reductions that will be needed. There is a gap between what SB 375 can provide and what is needed to meet the State's 2030 and 2050 goals."[18]

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[15] California Air Resources Board (Jan. 2019) *California Air Resources Board 2017 Scoping Plan-Identified VMT Reductions and Relationship to State Climate Goals*, available at https://ww2.arb.ca.gov/resources/documents/carb-2017-scoping-plan-identified-vmt-reductions-and-relationship-state-climate.

[16] California Air Resources Board (Nov. 2017) *California's 2017 Climate Change Scoping Plan*, p. 101.

[17] California Air Resources Board (Feb. 2018) *Updated Final Staff Report: Proposed Update to the SB 375 Greenhouse Gas Emission Reduction Targets*, Figure 3, p. 35, available at https://www.arb.ca.gov/cc/sb375/sb375_target_update_final_staff_report_feb2018.pdf.

[18] California Air Resources Board (Nov. 2017) *California's 2017 Climate Change Scoping Plan*, p. 75.

Also, in order to capture the full effects of induced travel resulting from roadway capacity projects, an RTP/SCS would need to include an assessment of land use effects of those projects, and the effects of those land uses on VMT. (See section titled "*Estimating VMT Impacts from Transportation Projects"* below.) RTP/SCSs typically model VMT using a collaboratively-developed land use "vision" for the region's land use, rather than studying the effects on land use of the proposed transportation investments.

In summary, achieving 15 percent lower per capita (residential) or per employee (office) VMT than existing development is both generally achievable and is supported by evidence that connects this level of reduction to the State's emissions goals.

1. Screening Thresholds for Land Use Projects

Many agencies use "screening thresholds" to quickly identify when a project should be expected to cause a less-than-significant impact without conducting a detailed study. (See e.g., CEQA Guidelines, §§ 15063(c)(3)(C), 15128, and Appendix G.) As explained below, this technical advisory suggests that lead agencies may screen out VMT impacts using project size, maps, transit availability, and provision of affordable housing.

Screening Threshold for Small Projects

Many local agencies have developed screening thresholds to indicate when detailed analysis is needed. Absent substantial evidence indicating that a project would generate a potentially significant level of VMT, or inconsistency with a Sustainable Communities Strategy (SCS) or general plan, projects that generate or attract fewer than 110 trips per day[19] generally may be assumed to cause a less-than-significant transportation impact.

Map-Based Screening for Residential and Office Projects

Residential and office projects that locate in areas with low VMT, and that incorporate similar features (i.e., density, mix of uses, transit accessibility), will tend to exhibit similarly low VMT. Maps created with VMT data, for example from a travel survey or a travel demand model, can illustrate areas that are

[19] CEQA provides a categorical exemption for existing facilities, including additions to existing structures of up to 10,000 square feet, so long as the project is in an area where public infrastructure is available to allow for maximum planned development and the project is not in an environmentally sensitive area. (CEQA Guidelines, § 15301, subd. (e)(2).) Typical project types for which trip generation increases relatively linearly with building footprint (i.e., general office building, single tenant office building, office park, and business park) generate or attract an additional 110-124 trips per 10,000 square feet. Therefore, absent substantial evidence otherwise, it is reasonable to conclude that the addition of 110 or fewer trips could be considered not to lead to a significant impact.

currently below threshold VMT (see recommendations below). Because new development in such locations would likely result in a similar level of VMT, such maps can be used to screen out residential and office projects from needing to prepare a detailed VMT analysis.

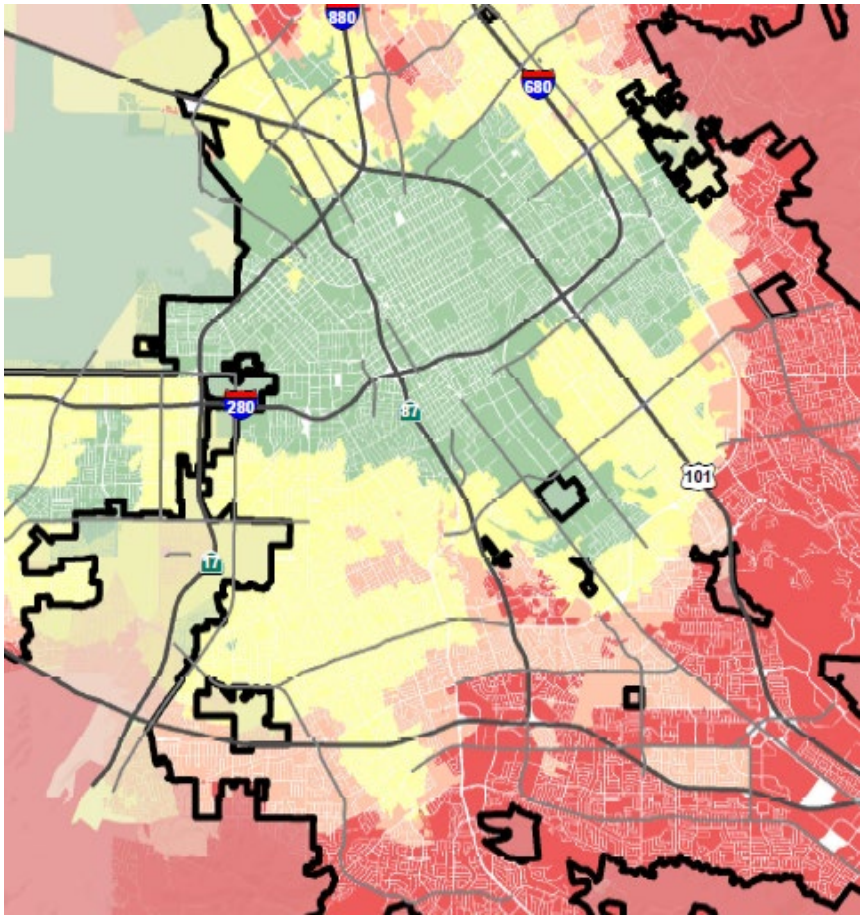


Figure 2. Example map of household VMT that could be used to delineate areas eligible to receive streamlining for VMT analysis. (Source: City of San José, Department of Transportation, draft output of City Transportation Model.)

Presumption of Less Than Significant Impact Near Transit Stations

Proposed CEQA Guideline Section 15064.3, subdivision (b)(1), states that lead agencies generally should presume that certain projects (including residential, retail, and office projects, as well as projects that are a mix of these uses) proposed within ½ mile of an existing major transit stop[20] or an existing stop

[20] Pub. Resources Code, § 21064.3 ("'Major transit stop' means a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods.").

along a high quality transit corridor[21] will have a less-than-significant impact on VMT. This presumption would not apply, however, if project-specific or location-specific information indicates that the project will still generate significant levels of VMT. For example, the presumption might not be appropriate if the project:

- Has a Floor Area Ratio (FAR) of less than 0.75
- Includes more parking for use by residents, customers, or employees of the project than required by the jurisdiction (if the jurisdiction requires the project to supply parking)
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Metropolitan Planning Organization)
- Replaces affordable residential units with a smaller number of moderate- or high-income residential units

A project or plan near transit which replaces affordable residential units[22] with a smaller number of moderate- or high-income residential units may increase overall VMT because the increase in VMT of displaced residents could overwhelm the improvements in travel efficiency enjoyed by new residents.[23]

If any of these exceptions to the presumption might apply, the lead agency should conduct a detailed VMT analysis to determine whether the project would exceed VMT thresholds (see below).

Presumption of Less Than Significant Impact for Affordable Residential Development

Adding affordable housing to infill locations generally improves jobs-housing match, in turn shortening commutes and reducing VMT.[24,25] Further, "… low-wage workers in particular would be more likely to choose a residential location close to their workplace, if one is available."[26] In areas where existing jobs-housing match is closer to optimal, low income housing nevertheless generates less VMT than market-

[21] Pub. Resources Code, § 21155 ("For purposes of this section, a high-quality transit corridor means a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.").
[22] Including naturally-occurring affordable residential units.
[23] Chapple et al. (2017) *Developing a New Methodology for Analyzing Potential Displacement,* Chapter 4, pp. 159-160, available at https://www.arb.ca.gov/research/apr/past/13-310.pdf.
[24] Karner and Benner (2016) *The convergence of social equity and environmental sustainability: Jobs-housing fit and commute distance* ("[P]olicies that advance a more equitable distribution of jobs and housing by linking the affordability of locally available housing with local wage levels are likely to be associated with reduced commuting distances").
[25] Karner and Benner (2015) *Low-wage jobs-housing fit: identifying locations of affordable housing shortages.*
[26] Karner and Benner (2015) *Low-wage jobs-housing fit: identifying locations of affordable housing shortages.*

rate housing.[27,28] Therefore, a project consisting of a high percentage of affordable housing may be a basis for the lead agency to find a less-than-significant impact on VMT. Evidence supports a presumption of less than significant impact for a 100 percent affordable residential development (or the residential component of a mixed-use development) in infill locations. Lead agencies may develop their own presumption of less than significant impact for residential projects (or residential portions of mixed use projects) containing a particular amount of affordable housing, based on local circumstances and evidence. Furthermore, a project which includes any affordable residential units may factor the effect of the affordability on VMT into the assessment of VMT generated by those units.

2. Recommended Numeric Thresholds for Residential, Office, and Retail Projects

Recommended threshold for residential projects: A proposed project exceeding a level of 15 percent below existing VMT per capita may indicate a significant transportation impact. Existing VMT per capita may be measured as regional VMT per capita or as city VMT per capita. Proposed development referencing a threshold based on city VMT per capita (rather than regional VMT per capita) should not cumulatively exceed the number of units specified in the SCS for that city, and should be consistent with the SCS.

Residential development that would generate vehicle travel that is 15 or more percent below the existing residential VMT per capita, measured against the region or city, may indicate a less-than-significant transportation impact. In MPO areas, development measured against city VMT per capita (rather than regional VMT per capita) should not cumulatively exceed the population or number of units specified in the SCS for that city because greater-than-planned amounts of development in areas above the region-based threshold would undermine the VMT containment needed to achieve regional targets under SB 375.

For residential projects in unincorporated county areas, the local agency can compare a residential project's VMT to (1) the region's VMT per capita, or (2) the aggregate population-weighted VMT per capita of all cities in the region. In MPO areas, development in unincorporated areas measured against aggregate city VMT per capita (rather than regional VMT per capita) should not cumulatively exceed the population or number of units specified in the SCS for that city because greater-than-planned amounts of development in areas above the regional threshold would undermine achievement of regional targets under SB 375.

[27] Chapple et al. (2017) *Developing a New Methodology for Analyzing Potential Displacement*, available at https://www.arb.ca.gov/research/apr/past/13-310.pdf.
[28] CAPCOA (2010) *Quantifying Greenhouse Gas Mitigation Measures*, pp. 176-178, available at http://www.capcoa.org/wp-content/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf.

These thresholds can be applied to either household (i.e., tour-based) VMT or home-based (i.e., trip-based) VMT assessments.[29] It is critical, however, that the agency be consistent in its VMT measurement approach throughout the analysis to maintain an "apples-to-apples" comparison. For example, if the agency uses a home-based VMT for the threshold, it should also be use home-based VMT for calculating project VMT and VMT reduction due to mitigation measures.

Recommended threshold for office projects: A proposed project exceeding a level of 15 percent below existing regional VMT per employee may indicate a significant transportation impact.

Office projects that would generate vehicle travel exceeding 15 percent below existing VMT per employee for the region may indicate a significant transportation impact. In cases where the region is substantially larger than the geography over which most workers would be expected to live, it might be appropriate to refer to a smaller geography, such as the county, that includes the area over which nearly all workers would be expected to live.

Office VMT screening maps can be developed using tour-based data, considering either total employee VMT or employee work tour VMT. Similarly, tour-based analysis of office project VMT could consider either total employee VMT or employee work tour VMT. Where tour-based information is unavailable for threshold determination, project assessment, or assessment of mitigation, home-based work trip VMT should be used throughout all steps of the analysis to maintain an "apples-to-apples" comparison.

Recommended threshold for retail projects: A net increase in total VMT may indicate a significant transportation impact.

Because new retail development typically redistributes shopping trips rather than creating new trips,[30] estimating the total change in VMT (i.e., the difference in total VMT in the area affected with and without the project) is the best way to analyze a retail project's transportation impacts.

By adding retail opportunities into the urban fabric and thereby improving retail destination proximity, local-serving retail development tends to shorten trips and reduce VMT. Thus, lead agencies generally may presume such development creates a less-than-significant transportation impact. Regional-serving retail development, on the other hand, which can lead to substitution of longer trips for shorter ones, may tend to have a significant impact. Where such development decreases VMT, lead agencies should consider the impact to be less-than-significant.

Many cities and counties define local-serving and regional-serving retail in their zoning codes. Lead agencies may refer to those local definitions when available, but should also consider any project-

[29] See Appendix 1 for a description of these approaches.
[30] Lovejoy, et al. (2013) *Measuring the impacts of local land-use policies on vehicle miles of travel: The case of the first big-box store in Davis, California, The Journal of Transport and Land Use*.

specific information, such as market studies or economic impacts analyses that might bear on customers' travel behavior. Because lead agencies will best understand their own communities and the likely travel behaviors of future project users, they are likely in the best position to decide when a project will likely be local-serving. Generally, however, retail development including stores larger than 50,000 square feet might be considered regional-serving, and so lead agencies should undertake an analysis to determine whether the project might increase or decrease VMT.

Mixed-Use Projects

Lead agencies can evaluate each component of a mixed-use project independently and apply the significance threshold for each project type included (e.g., residential and retail). Alternatively, a lead agency may consider only the project's dominant use. In the analysis of each use, a project should take credit for internal capture. Combining different land uses and applying one threshold to those land uses may result in an inaccurate impact assessment.

Other Project Types

Of land use projects, residential, office, and retail projects tend to have the greatest influence on VMT. For that reason, OPR recommends the quantified thresholds described above for purposes of analysis and mitigation. Lead agencies, using more location-specific information, may develop their own more specific thresholds, which may include other land use types. In developing thresholds for other project types, or thresholds different from those recommended here, lead agencies should consider the purposes described in section 21099 of the Public Resources Code and regulations in the CEQA Guidelines on the development of thresholds of significance (e.g., CEQA Guidelines, § 15064.7).

Strategies and projects that decrease local VMT but increase total VMT should be avoided. Agencies should consider whether their actions encourage development in a less travel-efficient location by limiting development in travel-efficient locations.

Redevelopment Projects

Where a project replaces existing VMT-generating land uses, if the replacement leads to a net overall decrease in VMT, the project would lead to a less-than-significant transportation impact. If the project leads to a net overall increase in VMT, then the thresholds described above should apply.

As described above, a project or plan near transit which replaces affordable[31] residential units with a smaller number of moderate- or high-income residential units may increase overall VMT, because

[31] Including naturally-occurring affordable residential units.

displaced residents' VMT may increase.[32] A lead agency should analyze VMT for such a project even if it otherwise would have been presumed less than significant. The assessment should incorporate an estimate of the aggregate VMT increase experienced by displaced residents. That additional VMT should be included in the numerator of the VMT per capita assessed for the project.

If a residential or office project leads to a net increase in VMT, then the project's VMT per capita (residential) or per employee (office) should be compared to thresholds recommended above. Per capita and per employee VMT are efficiency metrics, and, as such, apply only to the existing project without regard to the VMT generated by the previously existing land use.

If the project leads to a net increase in provision of locally-serving retail, transportation impacts from the retail portion of the development should be presumed to be less than significant. If the project consists of regionally-serving retail, and increases overall VMT compared to with existing uses, then the project would lead to a significant transportation impact.

RTP/SCS Consistency (All Land Use Projects)

Section 15125, subdivision (d), of the CEQA Guidelines provides that lead agencies should analyze impacts resulting from inconsistencies with regional plans, including regional transportation plans. For this reason, if a project is inconsistent with the Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS), the lead agency should evaluate whether that inconsistency indicates a significant impact on transportation. For example, a development may be inconsistent with an RTP/SCS if the development is outside the footprint of development or within an area specified as open space as shown in the SCS.

3. Recommendations Regarding Land Use Plans

As with projects, agencies should analyze VMT outcomes of land use plans across the full area over which the plan may substantively affect travel patterns, including beyond the boundary of the plan or jurisdiction's geography. And as with projects, VMT should be counted in full rather than split between origin and destination. (Emissions inventories have sometimes spit cross-boundary trips in order to sum to a regional total, but CEQA requires accounting for the full impact without truncation or discounting). Analysis of specific plans may employ the same thresholds described above for projects. A general plan, area plan, or community plan may have a significant impact on transportation if proposed new residential, office, or retail land uses would in aggregate exceed the respective thresholds recommended above. Where the lead agency tiers from a general plan EIR pursuant to CEQA Guidelines sections 15152 and 15166, the lead agency generally focuses on the environmental impacts that are specific to the later project and were not analyzed as significant impacts in the prior EIR. (Pub. Resources Code, § 21068.5; Guidelines, § 15152, subd. (a).) Thus, in analyzing the later project, the lead agency

[32] Chapple et al. (2017) *Developing a New Methodology for Analyzing Potential Displacement,* Chapter 4, pp. 159-160, available at https://www.arb.ca.gov/research/apr/past/13-310.pdf.

would focus on the VMT impacts that were not adequately addressed in the prior EIR. In the tiered document, the lead agency should continue to apply the thresholds recommended above.

Thresholds for plans in non-MPO areas may be determined on a case-by-case basis.

4. Other Considerations

Rural Projects Outside of MPOs

In rural areas of non-MPO counties (i.e., areas not near established or incorporated cities or towns), fewer options may be available for reducing VMT, and significance thresholds may be best determined on a case-by-case basis. Note, however, that clustered small towns and small town main streets may have substantial VMT benefits compared to isolated rural development, similar to the transit oriented development described above.

Impacts to Transit

Because criteria for determining the significance of transportation impacts must promote "the development of multimodal transportation networks" pursuant to Public Resources Code section 21099, subd. (b)(1), lead agencies should consider project impacts to transit systems and bicycle and pedestrian networks. For example, a project that blocks access to a transit stop or blocks a transit route itself may interfere with transit functions. Lead agencies should consult with transit agencies as early as possible in the development process, particularly for projects that are located within one half mile of transit stops.

When evaluating impacts to multimodal transportation networks, lead agencies generally should not treat the addition of new transit users as an adverse impact. An infill development may add riders to transit systems and the additional boarding and alighting may slow transit vehicles, but it also adds destinations, improving proximity and accessibility. Such development also improves regional vehicle flow by adding less vehicle travel onto the regional network.

Increased demand throughout a region may, however, cause a cumulative impact by requiring new or additional transit infrastructure. Such impacts may be adequately addressed through a fee program that fairly allocates the cost of improvements not just to projects that happen to locate near transit, but rather across a region to all projects that impose burdens on the entire transportation system, since transit can broadly improve the function of the transportation system.

F. Considering the Effects of Transportation Projects on Vehicle Travel

Many transportation projects change travel patterns. A transportation project which leads to additional vehicle travel on the roadway network, commonly referred to as "induced vehicle travel," would need to quantify the amount of additional vehicle travel in order to assess air quality impacts, greenhouse gas emissions impacts, energy impacts, and noise impacts. Transportation projects also are required to

examine induced growth impacts under CEQA. (See generally, Pub. Resources Code, §§ 21065 [defining "project" under CEQA as an activity as causing either a direct or reasonably foreseeable indirect physical change], 21065.3 [defining "project-specific effect" to mean all direct or indirect environmental effects], 21100, subd. (b) [required contents of an EIR].) For any project that increases vehicle travel, explicit assessment and quantitative reporting of the amount of additional vehicle travel should not be omitted from the document; such information may be useful and necessary for a full understanding of a project's environmental impacts. (See Pub. Resources Code, §§ 21000, 21001, 21001.1, 21002, 21002.1 [discussing the policies of CEQA].) A lead agency that uses the VMT metric to assess the transportation impacts of a transportation project may simply report that change in VMT as the impact. When the lead agency uses another metric to analyze the transportation impacts of a roadway project, changes in amount of vehicle travel added to the roadway network should still be analyzed and reported.[33]

While CEQA does not require perfection, it is important to make a reasonably accurate estimate of transportation projects' effects on vehicle travel in order to make reasonably accurate estimates of GHG emissions, air quality emissions, energy impacts, and noise impacts. (See, e.g., *California Clean Energy Com. v. City of Woodland* (2014) 225 Cal.App.4th 173, 210 [EIR failed to consider project's transportation energy impacts]; *Ukiah Citizens for Safety First v. City of Ukiah* (2016) 248 Cal.App.4th 256, 266.) Appendix 2 describes in detail the causes of induced vehicle travel, the robust empirical evidence of induced vehicle travel, and how models and research can be used in conjunction to quantitatively assess induced vehicle travel with reasonable accuracy.

If a project would likely lead to a measurable and substantial increase in vehicle travel, the lead agency should conduct an analysis assessing the amount of vehicle travel the project will induce. Project types that would likely lead to a measurable and substantial increase in vehicle travel generally include:

- Addition of through lanes on existing or new highways, including general purpose lanes, HOV lanes, peak period lanes, auxiliary lanes, or lanes through grade-separated interchanges

Projects that would not likely lead to a substantial or measurable increase in vehicle travel, and therefore generally should not require an induced travel analysis, include:

- Rehabilitation, maintenance, replacement, safety, and repair projects designed to improve the condition of existing transportation assets (e.g., highways; roadways; bridges; culverts; Transportation Management System field elements such as cameras, message signs, detection, or signals; tunnels; transit systems; and assets that serve bicycle and pedestrian facilities) and that do not add additional motor vehicle capacity
- Roadside safety devices or hardware installation such as median barriers and guardrails

[33] See, e.g., California Department of Transportation (2006) *Guidance for Preparers of Growth-related, Indirect Impact Analyses*, available at http://www.dot.ca.gov/ser/Growth-related_IndirectImpactAnalysis/GRI_guidance06May_files/gri_guidance.pdf.

- Roadway shoulder enhancements to provide “breakdown space,” dedicated space for use only by transit vehicles, to provide bicycle access, or to otherwise improve safety, but which will not be used as automobile vehicle travel lanes
- Addition of an auxiliary lane of less than one mile in length designed to improve roadway safety
- Installation, removal, or reconfiguration of traffic lanes that are not for through traffic, such as left, right, and U-turn pockets, two-way left turn lanes, or emergency breakdown lanes that are not utilized as through lanes
- Addition of roadway capacity on local or collector streets provided the project also substantially improves conditions for pedestrians, cyclists, and, if applicable, transit
- Conversion of existing general purpose lanes (including ramps) to managed lanes or transit lanes, or changing lane management in a manner that would not substantially increase vehicle travel
- Addition of a new lane that is permanently restricted to use only by transit vehicles
- Reduction in number of through lanes
- Grade separation to separate vehicles from rail, transit, pedestrians or bicycles, or to replace a lane in order to separate preferential vehicles (e.g., HOV, HOT, or trucks) from general vehicles
- Installation, removal, or reconfiguration of traffic control devices, including Transit Signal Priority (TSP) features
- Installation of traffic metering systems, detection systems, cameras, changeable message signs and other electronics designed to optimize vehicle, bicycle, or pedestrian flow
- Timing of signals to optimize vehicle, bicycle, or pedestrian flow
- Installation of roundabouts or traffic circles
- Installation or reconfiguration of traffic calming devices
- Adoption of or increase in tolls
- Addition of tolled lanes, where tolls are sufficient to mitigate VMT increase
- Initiation of new transit service
- Conversion of streets from one-way to two-way operation with no net increase in number of traffic lanes
- Removal or relocation of off-street or on-street parking spaces
- Adoption or modification of on-street parking or loading restrictions (including meters, time limits, accessible spaces, and preferential/reserved parking permit programs)
- Addition of traffic wayfinding signage
- Rehabilitation and maintenance projects that do not add motor vehicle capacity
- Addition of new or enhanced bike or pedestrian facilities on existing streets/highways or within existing public rights-of-way
- Addition of Class I bike paths, trails, multi-use paths, or other off-road facilities that serve non-motorized travel
- Installation of publicly available alternative fuel/charging infrastructure
- Addition of passing lanes, truck climbing lanes, or truck brake-check lanes in rural areas that do not increase overall vehicle capacity along the corridor

1. Recommended Significance Threshold for Transportation Projects

As noted in Section 15064.3 of the CEQA Guidelines, lead agencies for roadway capacity projects have discretion, consistent with CEQA and planning requirements, to choose which metric to use to evaluate transportation impacts. This section recommends considerations for evaluating impacts using vehicle miles traveled. Lead agencies have discretion to choose a threshold of significance for transportation projects as they do for other types of projects. As explained above, Public Resources Code section 21099, subdivision (b)(1), provides that criteria for determining the significance of transportation impacts must promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses. (*Id.*; see generally, adopted CEQA Guidelines, § 15064.3, subd. (b) [Criteria for Analyzing Transportation Impacts].) With those goals in mind, OPR prepared and the Agency adopted an appropriate transportation metric.

Whether adopting a threshold of significance, or evaluating transportation impacts on a case-by-case basis, a lead agency should ensure that the analysis addresses:

- Direct, indirect and cumulative effects of the transportation project (CEQA Guidelines, § 15064, subds. (d), (h))
- Near-term and long-term effects of the transportation project (CEQA Guidelines, §§ 15063, subd. (a)(1), 15126.2, subd. (a))
- The transportation project's consistency with state greenhouse gas reduction goals (Pub. Resources Code, § 21099)[34]
- The impact of the transportation project on the development of multimodal transportation networks (Pub. Resources Code, § 21099)
- The impact of the transportation project on the development of a diversity of land uses (Pub. Resources Code, § 21099)

The CARB Scoping Plan and the CARB Mobile Source Strategy delineate VMT levels required to achieve legally mandated GHG emissions reduction targets. A lead agency should develop a project-level threshold based on those VMT levels, and may apply the following approach:

1. Propose a fair-share allocation of those budgets to their jurisdiction (e.g., by population);

[34] The California Air Resources Board has ascertained the limits of VMT growth compatible with California containing greenhouse gas emissions to levels research shows would allow for climate stabilization. (See *The 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target* (p. 78, p. 101); *Mobile Source Strategy* (p. 37).) CARB's *Updated Final Staff Report on Proposed Update to the SB 375 Greenhouse Gas Emission Reduction Targets* illustrates that the current Regional Transportation Plans and Sustainable Communities Strategies will fall short of achieving the necessary on-road transportation-related GHG emissions reductions called for in the 2017 Scoping Plan (Figure 3, p. 35). Accordingly, OPR recommends not basing GHG emissions or transportation impact analysis for a transportation project solely on consistency with an RTP/SCS.

2. Determine the amount of VMT growth likely to result from background population growth, and subtract that from their "budget";
3. Allocate their jurisdiction's share between their various VMT-increasing transportation projects, using whatever criteria the lead agency prefers.

2. Estimating VMT Impacts from Transportation Projects

CEQA requires analysis of a project's potential growth-inducing impacts. (Pub. Resources Code, § 21100, subd. (b)(5); CEQA Guidelines, § 15126.2, subd. (d).) Many agencies are familiar with the analysis of growth inducing impacts associated with water, sewer, and other infrastructure. This technical advisory addresses growth that may be expected from roadway expansion projects.

Because a roadway expansion project can induce substantial VMT, incorporating quantitative estimates of induced VMT is critical to calculating both transportation and other impacts of these projects. Induced travel also has the potential to reduce or eliminate congestion relief benefits. An accurate estimate of induced travel is needed to accurately weigh costs and benefits of a highway capacity expansion project.

The effect of a transportation project on vehicle travel should be estimated using the "change in total VMT" method described in *Appendix 1*. This means that an assessment of total VMT without the project and an assessment with the project should be made; the difference between the two is the amount of VMT attributable to the project. The assessment should cover the full area in which driving patterns are expected to change. As with other types of projects, the VMT estimation should not be truncated at a modeling or jurisdictional boundary for convenience of analysis when travel behavior is substantially affected beyond that boundary.

Transit and Active Transportation Projects

Transit and active transportation projects generally reduce VMT and therefore are presumed to cause a less-than-significant impact on transportation. This presumption may apply to all passenger rail projects, bus and bus rapid transit projects, and bicycle and pedestrian infrastructure projects. Streamlining transit and active transportation projects aligns with each of the three statutory goals contained in SB 743 by reducing GHG emissions, increasing multimodal transportation networks, and facilitating mixed use development.

Roadway Projects

Reducing roadway capacity (for example, by removing or repurposing motor vehicle travel lanes) will generally reduce VMT and therefore is presumed to cause a less-than-significant impact on transportation. Generally, no transportation analysis is needed for such projects.

Building new roadways, adding roadway capacity in congested areas, or adding roadway capacity to areas where congestion is expected in the future, typically induces additional vehicle travel. For the types of projects previously indicated as likely to lead to additional vehicle travel, an estimate should be made of the change in vehicle travel resulting from the project.

For projects that increase roadway capacity, lead agencies can evaluate induced travel quantitatively by applying the results of existing studies that examine the magnitude of the increase of VMT resulting from a given increase in lane miles. These studies estimate the percent change in VMT for every percent change in miles to the roadway system (i.e., "elasticity").[35] Given that lead agencies have discretion in choosing their methodology, and the studies on induced travel reveal a range of elasticities, lead agencies may appropriately apply professional judgment in studying the transportation effects of a particular project. The most recent major study, estimates an elasticity of 1.0, meaning that every percent change in lane miles results in a one percent increase in VMT.[36]

To estimate VMT impacts from roadway expansion projects:

1. Determine the total lane-miles over an area that fully captures travel behavior changes resulting from the project (generally the region, but for projects affecting interregional travel look at all affected regions).
2. Determine the percent change in total lane miles that will result from the project.
3. Determine the total existing VMT over that same area.
4. Multiply the percent increase in lane miles by the existing VMT, and then multiply that by the elasticity from the induced travel literature:

[% increase in lane miles] x [existing VMT] x [elasticity] = [VMT resulting from the project]

A National Center for Sustainable Transportation tool can be used to apply this method: https://ncst.ucdavis.edu/research/tools

This method would not be suitable for rural (non-MPO) locations in the state which are neither congested nor projected to become congested. It also may not be suitable for a new road that provides new connectivity across a barrier (e.g., a bridge across a river) if it would be expected to substantially

[35] See U.C. Davis, Institute for Transportation Studies (Oct. 2015) *Increasing Highway Capacity Unlikely to Relieve Traffic Congestion*; Boarnet and Handy (Sept. 2014) *Impact of Highway Capacity and Induced Travel on Passenger Vehicle Use and Greenhouse Gas Emissions*, California Air Resources Board Policy Brief, available at https://www.arb.ca.gov/cc/sb375/policies/hwycapacity/highway_capacity_brief.pdf.
[36] See Duranton and Turner (2011) *The Fundamental Law of Road Congestion: Evidence from US cities*, available at http://www.nber.org/papers/w15376.

shorten existing trips. If it is likely to be substantial, the trips-shortening effect should be examined explicitly.

The effects of roadway capacity on vehicle travel can also be applied at a programmatic level. For example, in a regional planning process the lead agency can use that program-level analysis to streamline later project-level analysis. (See CEQA Guidelines, § 15168.) A program-level analysis of VMT should include effects of the program on land use patterns, and the VMT that results from those land use effects. In order for a program-level document to adequately analyze potential induced demand from a project or program of roadway capacity expansion, lead agencies cannot assume a fixed land use pattern (i.e., a land use pattern that does not vary in response to the provision of roadway capacity). A proper analysis should account for land use investment and development pattern changes that react in a reasonable manner to changes in accessibility created by transportation infrastructure investments (whether at the project or program level).

Mitigation and Alternatives

Induced VMT has the potential to reduce or eliminate congestion relief benefits, increase VMT, and increase other environmental impacts that result from vehicle travel.[37] If those effects are significant, the lead agency will need to consider mitigation or alternatives. In the context of increased travel that is induced by capacity increases, appropriate mitigation and alternatives that a lead agency might consider include the following:

- Tolling new lanes to encourage carpools and fund transit improvements
- Converting existing general purpose lanes to HOV or HOT lanes
- Implementing or funding off-site travel demand management
- Implementing Intelligent Transportation Systems (ITS) strategies to improve passenger throughput on existing lanes

Tolling and other management strategies can have the additional benefit of preventing congestion and maintaining free-flow conditions, conferring substantial benefits to road users as discussed above.

G. Analyzing Other Impacts Related to Transportation

While requiring a change in the methodology of assessing transportation impacts, Public Resources Code section 21099 notes that this change "does not relieve a public agency of the requirement to analyze a project's potentially significant transportation impacts related to air quality, noise, safety, or any other impact associated with transportation." OPR expects that lead agencies will continue to

[37] See National Center for Sustainable Transportation (Oct. 2015) *Increasing Highway Capacity Unlikely to Relieve Traffic Congestion*, available at http://www.dot.ca.gov/newtech/researchreports/reports/2015/10-12-2015-NCST_Brief_InducedTravel_CS6_v3.pdf; see Duranton and Turner (2011) *The Fundamental Law of Road Congestion: Evidence from US cities*, available at http://www.nber.org/papers/w15376.

address mobile source emissions in the air quality and noise sections of an environmental document and the corresponding studies that support the analysis in those sections. Lead agencies should continue to address environmental impacts of a proposed project pursuant to CEQA's requirements, using a format that is appropriate for their particular project.

Because safety concerns result from many different factors, they are best addressed at a programmatic level (i.e., in a general plan or regional transportation plan) in cooperation with local governments, metropolitan planning organizations, and, where the state highway system is involved, the California Department of Transportation. In most cases, such an analysis would not be appropriate on a project-by-project basis. Increases in traffic volumes at a particular location resulting from a project typically cannot be estimated with sufficient accuracy or precision to provide useful information for an analysis of safety concerns. Moreover, an array of factors affect travel demand (e.g., strength of the local economy, price of gasoline), causing substantial additional uncertainty. Appendix B of OPR's General Plan Guidelines summarizes research which could be used to guide a programmatic analysis under CEQA. Lead agencies should note that automobile congestion or delay does not constitute a significant environmental impact (Pub. Resources Code, §21099(b)(2)), and safety should not be used as a proxy for road capacity.

H. VMT Mitigation and Alternatives

When a lead agency identifies a significant impact, it must identify feasible mitigation measures that could avoid or substantially reduce that impact. (Pub. Resources Code, § 21002.1, subd. (a).) Additionally, CEQA requires that an environmental impact report identify feasible alternatives that could avoid or substantially reduce a project's significant environmental impacts.

Indeed, the California Court of Appeal recently held that a long-term regional transportation plan was deficient for failing to discuss an alternative which could significantly reduce total vehicle miles traveled. In *Cleveland National Forest Foundation v. San Diego Association of Governments, et al.* (2017) 17 Cal.App.5th 413, the court found that omission "inexplicable" given the lead agency's "acknowledgment in its Climate Action Strategy that the state's efforts to reduce greenhouse gas emissions from on-road transportation will not succeed if the amount of driving, or vehicle miles traveled, is not significantly reduced." (*Cleveland National Forest Foundation*, *supra*, 17 Cal.App.5th at p. 436.) Additionally, the court noted that the project alternatives focused primarily on congestion relief even though "the [regional] transportation plan is a long-term and congestion relief is not necessarily an effective long-term strategy." (*Id.* at p. 437.) The court concluded its discussion of the alternatives analysis by stating: "Given the acknowledged long-term drawbacks of congestion relief alternatives, there is not substantial evidence to support the EIR's exclusion of an alternative focused primarily on significantly reducing vehicle trips." (*Ibid*.)

Several examples of potential mitigation measures and alternatives to reduce VMT are described below. However, the selection of particular mitigation measures and alternatives are left to the discretion of

the lead agency, and mitigation measures may vary, depending on the proposed project and significant impacts, if any. Further, OPR expects that agencies will continue to innovate and find new ways to reduce vehicular travel.

Potential measures to reduce vehicle miles traveled include, but are not limited to:

- Improve or increase access to transit.
- Increase access to common goods and services, such as groceries, schools, and daycare.
- Incorporate affordable housing into the project.
- Incorporate neighborhood electric vehicle network.
- Orient the project toward transit, bicycle and pedestrian facilities.
- Improve pedestrian or bicycle networks, or transit service.
- Provide traffic calming.
- Provide bicycle parking.
- Limit or eliminate parking supply.
- Unbundle parking costs.
- Provide parking cash-out programs.
- Implement roadway pricing.
- Implement or provide access to a commute reduction program.
- Provide car-sharing, bike sharing, and ride-sharing programs.
- Provide transit passes.
- Shifting single occupancy vehicle trips to carpooling or vanpooling, for example providing ride-matching services.
- Providing telework options.
- Providing incentives or subsidies that increase the use of modes other than single-occupancy vehicle.
- Providing on-site amenities at places of work, such as priority parking for carpools and vanpools, secure bike parking, and showers and locker rooms.
- Providing employee transportation coordinators at employment sites.
- Providing a guaranteed ride home service to users of non-auto modes.

Notably, because VMT is largely a regional impact, regional VMT-reduction programs may be an appropriate form of mitigation. In lieu fees have been found to be valid mitigation where there is both a commitment to pay fees and evidence that mitigation will actually occur. (*Save Our Peninsula Committee v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 140-141; *Gentry v. City of Murrieta* (1995) 36 Cal.App.4th 1359; *Kings County Farm Bureau v. City of Hanford* (1990) 221 Cal.App.3d 692, 727–728.) Fee programs are particularly useful to address cumulative impacts. (CEQA Guidelines, § 15130, subd. (a)(3) [a "project's incremental contribution is less than cumulatively considerable if the project is required to implement or fund its fair share of a mitigation measure or measures designed to alleviate the cumulative impact"].) The mitigation program must undergo CEQA evaluation, either on the program as a whole, or the in-lieu fees or other mitigation must be evaluated

on a project-specific basis. (*California Native Plant Society v. County of El Dorado* (2009) 170 Cal.App.4th 1026.) That CEQA evaluation could be part of a larger program, such as a regional transportation plan, analyzed in a Program EIR. (CEQA Guidelines, § 15168.)

Examples of project alternatives that may reduce vehicle miles traveled include, but are not limited to:

- Locate the project in an area of the region that already exhibits low VMT.
- Locate the project near transit.
- Increase project density.
- Increase the mix of uses within the project or within the project's surroundings.
- Increase connectivity and/or intersection density on the project site.
- Deploy management strategies (e.g., pricing, vehicle occupancy requirements) on roadways or roadway lanes.

Appendix 1. Considerations About Which VMT to Count

Consistent with the obligation to make a good faith effort to disclose the environmental consequences of a project, lead agencies have discretion to choose the most appropriate methodology to evaluate project impacts.[38] A lead agency can evaluate a project's effect on VMT in numerous ways. The purpose of this document is to provide technical considerations in determining which methodology may be most useful for various project types.

Background on Estimating Vehicle Miles Traveled

Before discussing specific methodological recommendations, this section provides a brief overview of modeling and counting VMT, including some key terminology.

Here is an illustrative example of some methods of estimating vehicle miles traveled. Consider the following hypothetical travel day (all by automobile):

1. Residence to Coffee Shop
2. Coffee Shop to Work
3. Work to Sandwich Shop
4. Sandwich Shop to Work
5. Work to Residence
6. Residence to Store
7. Store to Residence

Trip-based assessment of a project's effect on travel behavior counts VMT from individual trips to and from the project. It is the most basic, and traditionally the most common, method of counting VMT. A trip-based VMT assessment of the residence in the above example would consider segments 1, 5, 6 and 7. For residential projects, the sum of home-based trips is called *home-based* VMT.

A *tour-based* assessment counts the entire home-back-to-home tour that includes the project. A tour-based VMT assessment of the residence in the above example would consider segments 1, 2, 3, 4, and 5 in one tour, and 6 and 7 in a second tour. A tour-based assessment of the workplace would include segments 1, 2, 3, 4, and 5. Together, all tours comprise *household* VMT.

[38] The California Supreme Court has explained that when an agency has prepared an environmental impact report:

> [T]he issue is not whether the [lead agency's] studies are irrefutable or whether they could have been better. The relevant issue is only whether the studies are sufficiently credible to be considered as part of the total evidence that supports the [lead agency's] finding[.]

(*Laurel Heights Improvement Assn. v. Regents of the University of California* (1988) 47 Cal.3d 376, 409; see also *Eureka Citizens for Responsible Gov't v. City of Eureka* (2007) 147 Cal.App.4th 357, 372.)

Both trip- and tour-based assessments can be used as measures of transportation efficiency, using denominators such as per capita, per employee, or per person-trip.

Trip- and Tour-based Assessment of VMT

As illustrated above, a tour-based assessment of VMT is a more complete characterization of a project's effect on VMT. In many cases, a project affects travel behavior beyond the first destination. The location and characteristics of the home and workplace will often be the main drivers of VMT. For example, a residential or office development located near high quality transit will likely lead to some commute trips utilizing transit, affecting mode choice on the rest of the tour.

Characteristics of an office project can also affect an employee's VMT beyond the work tour. For example, a workplace located at the urban periphery, far from transit, can require an employee to own a car, which in turn affects the entirety of an employee's travel behavior and VMT. For this reason, when estimating the effect of an office development on VMT, it may be appropriate to consider total employee VMT if data and tools, such as tour-based models, are available. This is consistent with CEQA's requirement to evaluate both direct and *indirect* effects of a project. (See CEQA Guidelines, § 15064, subd. (d)(2).)

Assessing Change in Total VMT

A third method, estimating the *change in total VMT* with and without the project, can evaluate whether a project is likely to divert existing trips, and what the effect of those diversions will be on total VMT. This method answers the question, "What is the net effect of the project on area VMT?" As an illustration, assessing the total change in VMT for a grocery store built in a food desert that diverts trips from more distant stores could reveal a net VMT reduction. The analysis should address the full area over which the project affects travel behavior, even if the effect on travel behavior crosses political boundaries.

Using Models to Estimate VMT

Travel demand models, sketch models, spreadsheet models, research, and data can all be used to calculate and estimate VMT (see Appendix F of the preliminary discussion draft). To the extent possible, lead agencies should choose models that have sensitivity to features of the project that affect VMT. Those tools and resources can also assist in establishing thresholds of significance and estimating VMT reduction attributable to mitigation measures and project alternatives. When using models and tools for those various purposes, agencies should use comparable data and methods, in order to set up an "apples-to-apples" comparison between thresholds, VMT estimates, and VMT mitigation estimates.

Models can work together. For example, agencies can use travel demand models or survey data to estimate existing trip lengths and input those into sketch models such as CalEEMod to achieve more

accurate results. Whenever possible, agencies should input localized trip lengths into a sketch model to tailor the analysis to the project location. However, in doing so, agencies should be careful to avoid double counting if the sketch model includes other inputs or toggles that are proxies for trip length (e.g., distance to city center). Generally, if an agency changes any sketch model defaults, it should record and report those changes for transparency of analysis. Again, trip length data should come from the same source as data used to calculate thresholds to be sure of an "apples-to-apples" comparison.

Additional background information regarding travel demand models is available in the California Transportation Commission's "2010 Regional Transportation Plan Guidelines," beginning at page 35.

Appendix 2. Induced Travel: Mechanisms, Research, and Additional Assessment Approaches

Induced travel occurs where roadway capacity is expanded in an area of present or projected future congestion. The effect typically manifests over several years. Lower travel times make the modified facility more attractive to travelers, resulting in the following trip-making changes:

- **Longer trips.** The ability to travel a long distance in a shorter time increases the attractiveness of destinations that are farther away, increasing trip length and vehicle travel.
- **Changes in mode choice.** When transportation investments are devoted to reducing automobile travel time, travelers tend to shift toward automobile use from other modes, which increases vehicle travel.
- **Route changes.** Faster travel times on a route attract more drivers to that route from other routes, which can increase or decrease vehicle travel depending on whether it shortens or lengthens trips.
- **Newly generated trips.** Increasing travel speeds can induce additional trips, which increases vehicle travel. For example, an individual who previously telecommuted or purchased goods on the internet might choose to accomplish those tasks via automobile trips as a result of increased speeds.
- **Land Use Changes.** Faster travel times along a corridor lead to land development farther along that corridor; that new development generates and attracts longer trips, which increases vehicle travel. Over several years, this induced growth component of induced vehicle travel can be substantial, making it critical to include in analyses.

Each of these effects has implications for the total amount of vehicle travel. These effects operate over different time scales. For example, changes in mode choice might occur immediately, while land use changes typically take a few years or longer. CEQA requires lead agencies to analyze both short-term and long-term effects.

Evidence of Induced Vehicle Travel. A large number of peer reviewed studies[39] have demonstrated a causal link between highway capacity increases and VMT increases. Many provide quantitative estimates of the magnitude of the induced VMT phenomenon. Collectively, they provide high quality evidence of the existence and magnitude of the induced travel effect.

[39] See, e.g., Boarnet and Handy (Sept. 2014) Impact of Highway Capacity and Induced Travel on Passenger Vehicle Use and Greenhouse Gas Emissions, California Air Resources Board Policy Brief, available at https://www.arb.ca.gov/cc/sb375/policies/hwycapacity/highway_capacity_brief.pdf; National Center for Sustainable Transportation (Oct. 2015) *Increasing Highway Capacity Unlikely to Relieve Traffic Congestion*, available at http://www.dot.ca.gov/research/researchreports/reports/2015/10-12-2015-NCST_Brief_InducedTravel_CS6_v3.pdf.

Most of these studies express the amount of induced vehicle travel as an "elasticity," which is a multiplier that describes the additional vehicle travel resulting from an additional lane mile of roadway capacity added. For example, an elasticity of 0.6 would signify an 0.6 percent increase in vehicle travel for every 1.0 percent increase in lane miles. Many of these studies distinguish "short run elasticity" (increase in vehicle travel in the first few years) from "long run elasticity" (increase in vehicle travel beyond the first few years). Long run elasticity is larger than short run elasticity, because as time passes, more of the components of induced vehicle travel materialize. Generally, short run elasticity can be thought of as excluding the effects of land use change, while long run elasticity includes them. Most studies find a long run elasticity between 0.6 and just over 1.0,[40] meaning that every increase in lanes miles of one percent leads to an increase in vehicle travel of 0.6 to 1.0 percent. The most recent major study finds the elasticity of vehicle travel by lanes miles added to be 1.03; in other words, each percent increase in lane miles results in a 1.03 percent increase in vehicle travel.[41] (An elasticity greater than 1.0 can occur because new lanes induce vehicle travel that spills beyond the project location.) In CEQA analysis, the long-run elasticity should be used, as it captures the full effect of the project rather than just the early-stage effect.

Quantifying Induced Vehicle Travel Using Models. Lead agencies can generally achieve the most accurate assessment of induced vehicle travel resulting from roadway capacity increasing projects by applying elasticities from the academic literature, because those estimates include vehicle travel resulting from induced land use. If a lead agency chooses to use a travel demand model, additional analysis would be needed to account for induced land use. This section describes some approaches to undertaking that additional analysis.

Proper use of a travel demand model can capture the following components of induced VMT:

- Trip length (generally increases VMT)
- Mode shift (generally shifts from other modes toward automobile use, increasing VMT)
- Route changes (can act to increase or decrease VMT)
- Newly generated trips (generally increases VMT)
    - Note that not all travel demand models have sensitivity to this factor, so an off-model estimate may be necessary if this effect could be substantial.

However, estimating long-run induced VMT also requires an estimate of the project's effects on land use. This component of the analysis is important because it has the potential to be a large component of

[40] See Boarnet and Handy (Sept. 2014) *Impact of Highway Capacity and Induced Travel on Passenger Vehicle Use and Greenhouse Gas Emissions*, California Air Resources Board Policy Brief, p. 2, available at https://www.arb.ca.gov/cc/sb375/policies/hwycapacity/highway_capacity_brief.pdf.

[41] Duranton and Turner (2011) *The Fundamental Law of Road Congestion: Evidence from US cities*, available at http://www.nber.org/papers/w15376.

the overall induced travel effect. Options for estimating and incorporating the VMT effects that are caused by the subsequent land use changes include:

1. *Employ an expert panel.* An expert panel could assess changes to land use development that would likely result from the project. This assessment could then be analyzed by the travel demand model to assess effects on vehicle travel. Induced vehicle travel assessed via this approach should be verified using elasticities found in the academic literature.
2. *Adjust model results to align with the empirical research.* If the travel demand model analysis is performed without incorporating projected land use changes resulting from the project, the assessed vehicle travel should be adjusted upward to account for those land use changes. The assessed VMT after adjustment should fall within the range found in the academic literature.
3. *Employ a land use model, running it iteratively with a travel demand model.* A land use model can be used to estimate the land use effects of a roadway capacity increase, and the traffic patterns that result from the land use change can then be fed back into the travel demand model. The land use model and travel demand model can be iterated to produce an accurate result.

A project which provides new connectivity across a barrier, such as a new bridge across a river, may provide a shortened path between existing origins and destinations, thereby shortening existing trips. In rare cases, this trip-shortening effect might be substantial enough to reduce the amount of vehicle travel resulting from the project below the range found in the elasticities in the academic literature, or even lead a net reduction in vehicle travel overall. In such cases, the trip-shortening effect could be examined explicitly.

Whenever employing a travel demand model to assess induced vehicle travel, any limitation or known lack of sensitivity in the analysis that might cause substantial errors in the VMT estimate (for example, model insensitivity to one of the components of induced VMT described above) should be disclosed and characterized, and a description should be provided on how it could influence the analysis results. A discussion of the potential error or bias should be carried into analyses that rely on the VMT analysis, such as greenhouse gas emissions, air quality, energy, and noise.

ATTACHMENT B

City of Santa Monica List of Transportation Projects Exempt from VMT Analysis

List of Transportation Projects Exempt from CEQA VMT Analysis

- Rehabilitation, maintenance, replacement, safety, and repair projects designed to improve the condition of existing transportation assets (e.g., highways; roadways; bridges; culverts; Transportation Management System field elements such as cameras, message signs, detection or signals; tunnels; transit systems; and assets that serve bicycle and pedestrian facilities) and that do not add additional motor vehicle capacity
- Roadside safety devices or hardware installation such as median barriers and guardrails
- Roadway shoulder enhancements to provide "breakdown space," dedicated space for use only by transit vehicles, to provide bicycle access, or to otherwise improve safety, but which will not be used as automobile vehicle travel lanes
- Addition of an auxiliary lane of less than one mile in length designed to improve roadway safety
- Installation, removal, or reconfiguration of traffic lanes that are not for through traffic, such as left, right, and U-turn pockets, two-way left turn lanes, or emergency breakdown lanes that are not utilized as through lanes
- Conversion of existing general purpose lanes (including ramps) to managed lanes or transit lanes, or changing lane management in a manner that would not substantially increase vehicle travel
- Addition of a new lane that is permanently restricted to use only by transit vehicles
- Reduction in number of through lanes
- Grade separation to separate vehicles from rail, transit, pedestrians or bicycles, or to replace a lane in order to separate preferential vehicles (e.g., HOV, HOT, or trucks) from general vehicles
- Installation, removal, or reconfiguration of traffic control devices, including Transit Signal Priority (TSP) features
- Installation of traffic metering systems, detection systems, cameras, changeable message signs and other electronics designed to optimize vehicle, bicycle, or pedestrian flow
- Timing of signals to optimize vehicle, bicycle, or pedestrian flow
- Installation of crosswalks, with or without vehicle yield compliance enhancements such as rapid rectangular flashing beacons or overhead lights
- Installation of roundabouts or traffic circles
- Installation of pedestrian scrambles at existing intersections
- Installation or reconfiguration of traffic calming devices
- Adoption of or increase in tolls
- Initiation of new transit service
- Conversion of streets from one-way to two-way operation with no net increase in number of traffic lanes
- Removal or relocation of off-street or on-street parking spaces (unless the removal or relocation of spaces results in the creation of a new SOV through travel lane – turning pockets are exempt)
- Adoption or modification of on-street parking or loading restrictions (including meters, time limits, accessible spaces, and preferential/reserved parking permit programs)
- Addition of wayfinding signage
- Rehabilitation and maintenance projects that do not add motor vehicle capacity
- Addition of new or enhanced bike or pedestrian facilities on existing streets/highways or within existing public rights-of-way (which include restriping of an existing vehicle lane for such facilities)
- Addition of Class I bike paths, trails, multi-use paths, or other off-road facilities that serve non-motorized travel
- Installation of publicly available alternative fuel/charging infrastructure
- Addition of new neighborhood street to break up "superblock" between 400 and 1,500 feet in width and reduce driving distance

City Council Meeting: June 9, 2020 Santa Monica, California

RESOLUTION NUMBER _____ (CCS)

(City Council Series)

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA MONICA ADOPTING TRANSPORTATION SIGNIFICANCE THRESHOLDS FOR REVIEW OF PROJECTS SUBJECT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT TO ALIGN WITH SENATE BILL 743

WHEREAS, in 2013, Governor Edmund G. Brown signed Senate Bill (SB) 743, which streamlines the review process for infill projects in transit priority areas under the California Environmental Quality Act ("CEQA") and seeks to balance the needs of congestion management with Statewide goals related to infill development, promotion of public health through active transportation, and reduction of greenhouse gas emissions; and

WHEREAS, SB 743 directed the Office of Planning and Research ("OPR") to develop updated criteria for measuring transportation impacts using alternative metrics that promote a reduction in greenhouse gases, the development of multimodal transportation, and a diversity of land uses; and

WHEREAS, to achieve these goals, SB 743 requires OPR to amend the CEQA Guidelines, Title 14 of the California Code of Regulations Sections 15000 *et seq*., to provide an alternative metric to level of service ("LOS") for evaluating transportation impacts, which may include "vehicle miles traveled, vehicle miles traveled per capita, automobile trip generation rates, or automobile trips generated"; and

WHEREAS, SB743 further provides that once the CEQA Guidelines are amended to include those alternative criteria, auto delay, as measured by LOS, can no longer be considered a significant impact under CEQA; and

WHEREAS, in December 2018, pursuant to the mandate in SB 743 and after four years of stakeholder workshops, OPR adopted revised CEQA Guidelines, which determined, in part, that "generally, vehicle miles traveled is the most appropriate measure of transportation impacts"; and

WHEREAS, Section 15064.7(b) of the CEQA Guidelines allows lead agencies to adopt thresholds of significance for the lead agency's general use in its environmental review process; and

WHEREAS, in December 2018, OPR adopted a "Technical Advisory on Evaluating Transportation Impacts in CEQA" (the "Technical Advisory") to provide guidance to lead agencies on how to conduct vehicle miles traveled ("VMT") analysis for projects; and

WHEREAS, in the Technical Advisory, OPR recommends screening criteria and significance thresholds for use in analyzing VMT impacts of projects; and

WHEREAS, while the Technical Advisory is not binding on public agencies, Section 15064.7(c) of the CEQA Guidelines allows lead agencies to "consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence"; and

WHEREAS, the City's current criteria for assessing whether a project would result in significant transportation impacts were adopted in 1991 and utilize intersection LOS as the measure for assessing impacts; and

WHEREAS, in accordance with SB 743 and its implementing regulations, the City is required to utilize VMT, rather than LOS, for CEQA review of potential transportation impacts by July 1, 2020; and

WHEREAS, on January 22, 2020, the Planning Commission participated in a study session to review potential changes to the City's methodology for the transportation review of projects and discuss potential VMT screening and significance thresholds for projects and generally recommended that the application of City-specific thresholds would be appropriate; and

WHEREAS, City staff developed City-specific criteria for "screening" projects subject to VMT analysis as well as thresholds of significance for VMT analysis; and

WHEREAS, City staff subsequently prepared City-specific screening thresholds that are reflective of the City's unique land use and transportation characteristics and the City's climate action and adaptation goals; and

WHEREAS, overall Big Blue Bus ridership and usage of bus stops that do not support rapid transit buses has declined over the last several years within the City; and

WHEREAS, the City's compact character combined with the availability of various transit and mobility options, and diversity of land uses, results in a VMT per capita that is already significantly lower than the regional average; and

WHEREAS, the City's climate action and adaptation plan, adopted in May of 2019, anticipates that a 16.8% reduction in transportation VMT is needed to achieve the plan's carbon neutrality goals; and

WHEREAS, on May 13, 2020, the Planning Commission reviewed the draft VMT screening criteria and significance thresholds and unanimously recommended adoption of the draft screening criteria and thresholds to the City Council; and

WHEREAS, the City Council desires to adopt guidelines for screening and determining potential significant transportation impacts of projects under CEQA to align the transportation review process with SB 743 and the City's General Plan goals and policies.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SANTA MONICA DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. The City Council does hereby adopt the Transportation Significance Thresholds for Review of Projects Subject to the California Environmental Quality Act to Align with Senate Bill 743 attached to this Resolution as Exhibit A and incorporated herein by reference. In adopting these guidelines, the City Council hereby finds and declares that, based on the oral and written testimony presented to the City Council at the public hearing on June 9, 2020, there is substantial evidence in the record to support the thresholds of significance adopted in the guidelines.

SECTION 2. The City Clerk shall certify to the adoption of this Resolution, and thenceforth and thereafter the same shall be in full force and effect.

APPROVED AS TO FORM:

_____
GEORGE S. CARDONA
Interim City Attorney

Exhibit A Transportation Significance Thresholds for Review of Projects Subject to the California Environmental Quality Act to Align with Senate Bill 743

EXHIBIT A

TRANSPORTATION SIGNIFICANCE THRESHOLDS FOR REVIEW OF PROJECTS SUBJECT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT TO ALIGN WITH SENATE BILL 743

[see attached]

TRANSPORTATION SIGNIFICANCE THRESHOLDS FOR REVIEW OF PROJECTS SUBJECT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT TO ALIGN WITH SENATE BILL 743

SECTION 1. Vehicle Miles Traveled Screening Criteria for Land Use Projects

Projects that meet the criteria set out in the following 3-tiered screening system, which is also set forth in Table 1.1, below, shall be presumed to have a less-than-significant traffic impact and shall not be subject to further vehicle miles traveled ("VMT") analysis:

Tier 1. Projects that include the following land uses shall not be subject to further VMT analysis:

1. New construction of educational facilities/institutions, such as increased classrooms, gym/recreational space, and other supportive areas, provided that there would be no student enrollment increase; or, if student enrollment is increased, at least 75% of the student body comes from within 2.0 miles of the school.
2. Expansion or construction of new civic/government uses and utility facilities less than 50,000 sf or replacement of such uses/facilities (in same or another location) to serve the community; or, if larger than 50,000 sf, the project would not result in more than 50 net new additional full time equivalent employees.
3. Local serving parks and recreational facilities.
4. 100% affordable housing.
5. 200 residential dwelling units or less.
6. 50,000 sf or less of commercial use floor area per land use category. For purposes of this criterion, "commercial use" includes, but is not limited to: office, medical office, retail, restaurant, grocery store/market, movie theater, gym/fitness, hotel, and hospital uses. Commercial uses such as museums, amusement parks, and other large regional trip attractors shall not be considered "commercial use" for purposes of this criterion, as may be determined by City Staff.

For mixed-use projects, each land use type of the project will be evaluated individually under the criteria set forth above. For example, a mixed-use project with 150

residential dwelling units and 75,000 square feet of office area requires further review under Tier 2. The number of residential dwelling units does not exceed the limitation set forth in criterion 5; however, the office area exceeds the square footage limitation set forth in criterion 6, above. Thus, the project will be subject to further review under Tier 2, below.

Tier 2. Projects that do not satisfy the criteria set forth in Tier 1 shall be further evaluated as follows:

1. If the project is located within 0.5-mile walking distance of an Expo Light Rail Transit ("LRT") station or 0.25-mile walking distance of a Bus Rapid Transit ("BRT") stop as indicated in Table 1.2, below, then the City shall conduct an analysis under Tier 3 to determine whether the project will have a less-than-significant impact.

2. If the project is not located within 0.5-mile walking distance of an Expo LRT station or 0.25-mile walking distance of a BRT stop as indicated in Table 1.2, below, then the project shall not be considered to have a less-than-significant impact, and will be subject to further VMT analysis.

For purposes of this determination, "walking distance" shall mean the actual physical distance that a person would need to walk based on the street network, and "BRT stop" shall include stops for Big Blue Bus Rapid routes and Metro Rapid Bus routes.

Tier 3. Projects that do not satisfy the criteria set forth in Tier 2 shall be further evaluated as follows:

1. If the project provides no more than the minimum off-street parking required or the maximum off-street parking allowed pursuant to applicable regulations in SMMC Chapter 9.28 or any applicable special or area plan, then the project shall be considered to have a less-than-significant transportation impact and shall not be subject to VMT analysis.

2. If the project provides more than the minimum off-street parking required or the maximum off-street parking allowed pursuant to applicable regulations in SMMC Chapter 9.28 or any applicable special or area plan, then the project may result in a significant transportation impact and shall be subject to further VMT analysis.

Table 1.1, Tiered System

Tier 1: Does the project include the development of the following land uses, which are screened out from further analysis?

Table 1: Land uses screened out from VMT analysis

1. New construction of educational facilities/institutions (such as increased classrooms, gym/recreational space, and other supportive areas) provided that there would be no student enrollment increase or if student enrollment is increased, at least 75% of the student body come from within 2.0 miles of the school
2. Expansion or construction of new civic/government uses and utility facilities less than 50,000 sf or replacement of such uses/facilities (in same or another location) to serve the community; or if larger than 50,000 sf, the project would not result in more than 50 net new additional full time equivalent employees
3. Local serving parks and recreational facilities
4. 100% affordable housing
5. 200 residential dwelling units or less
6. 50,000 sf or less of commercial floor area per land use category[1]

If yes, no further analysis. If no, move to Tier 2.
(For a mixed-use project, the individual land use type of the project should be evaluated to determine if each land use can be screened out. For example, a mixed-use project with 150 units and 75,000 sf of office area cannot be screened out at the Tier 1 level and would be required to move to Tier 2.)

Tier 2: Is the project located within 0.5-mile walking distance of an Expo LRT station or 0.25-mile walking distance of Bus Rapid Transit (BRT) stop?[2]

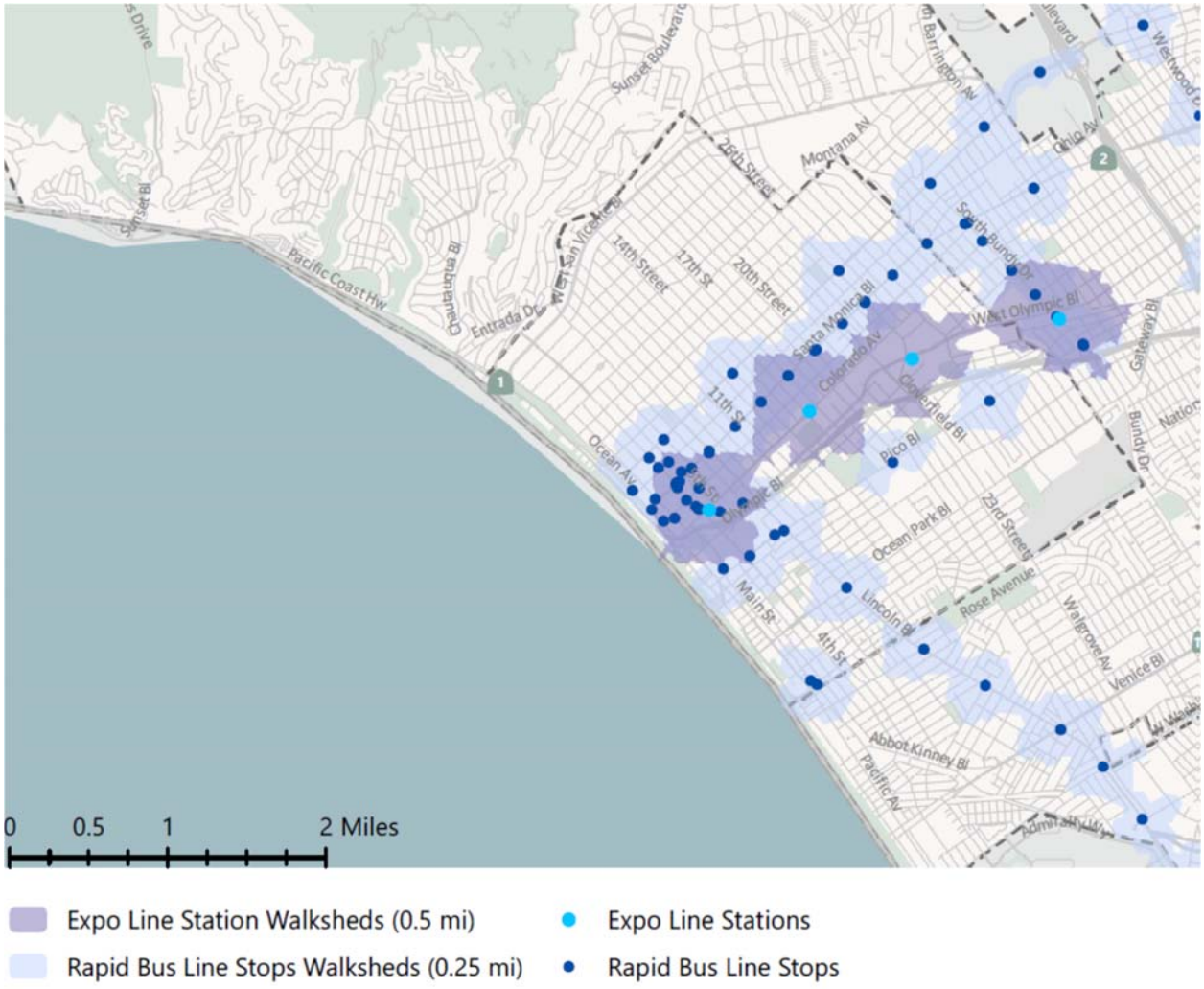
If no, conduct VMT analysis. If yes, move to Tier 3.

Tier 3: Would the project provide more parking than required by Code (or, if located in an area that does not require parking, exceed parking maximums)?

If no, no further analysis. If yes, conduct VMT analysis.

[1] Commercial uses covered under this screening criterion include (but are not limited to): office, retail, restaurant, grocery store/market, movie theater, gym/fitness, hotel, and hospital uses less than 50,000 sf. Excludes museums, amusement parks, and other large regional trip attractors as may be determined by City Staff.
[2] Walking distance is defined as the actual physical distance that a person would need to walk based on the street network. BRT stops includes stops for Big Blue Bus Rapid routes and Metro Rapid Bus routes.

Table 1.2, Map depicting parcels within 0.5-mile walking distance of an Expo Light Rail Transit ("LRT") station or 0.25-mile walking distance of Bus Rapid Transit ("BRT") stop



SECTION 2. Vehicle Miles Traveled Significance Thresholds for Land Use Projects

Projects that do not meet the criteria set forth in Section 1, above, shall be evaluated to determine if a significant transportation impact might occur based on the thresholds of significance set forth in this Section. Projects that exceed the thresholds set forth in this Section may result in a significant traffic impact, and further VMT analysis is required.

Thresholds of Significance for Land Use Projects:

VMT per capita: If a project's VMT per capita does not exceed the most current Citywide average VMT per capita for that particular land use, then the project will result in a less than significant impact.[1]

Table 2.1: City of Santa Monica VMT Thresholds: Significance Criteria 1

Land Use	**Proposed Threshold**
Residential	No greater than existing Citywide average VMT/capita
Commercial Employee	No greater than existing Citywide average VMT/capita
Retail	Any net increase in total City VMT

and

Total VMT threshold: If a Project's combined total VMT for all uses is at least 16.8% below existing Citywide "business as usual" VMT per capita, then the project will result in a less than significant impact. For purposes of this threshold "business as usual VMT" means the calculated VMT for the project if the project were generating VMT per capita at the existing citywide average.

Table 2.2: City of Santa Monica VMT Thresholds: Significance Criteria 2

		Example Calculation			
	Project VMT	**Existing City Average VMT/capita**	**Project Population**	**Business as Usual (BAU) VMT**	**Proposed Threshold**
Residential	A	9.0	D	= (9.0 x D)	
Commercial Employee	B	19.2	E	= (19.2 x E)	
	Total Resident + Employee VMT (A +B)			**Total BAU VMT**	**Is Total Resident + Employee VMT at least 16.8% lower than Total BAU VMT?**

[1] As of the effective date of these guidelines, the existing citywide average VMT for residents is 9.0 per capita and for commercial employee is 19.2 per employee.

SECTION 3. Transportation Projects Exempt from Vehicle Miles Traveled Analysis

The following transportation projects shall be exempt from VMT analysis

1. Rehabilitation, maintenance, replacement, safety, and repair projects designed to improve the condition of existing transportation assets (e.g., highways; roadways; bridges; culverts;

2. Transportation Management System field elements such as cameras, message signs, detection or signals; tunnels; transit systems; and assets that serve bicycle and pedestrian facilities) and that do not add additional motor vehicle capacity;

3. Roadside safety devices or hardware installation such as median barriers and guardrails;

4. Roadway shoulder enhancements to provide “breakdown space,” dedicated space for use only by transit vehicles, to provide bicycle access, or to otherwise improve safety, but which will not be used as automobile vehicle travel lanes;

5. Addition of an auxiliary lane of less than one mile in length designed to improve roadway safety;

6. Installation, removal, or reconfiguration of traffic lanes that are not for through traffic, such as left, right, and U-turn pockets, two-way left turn lanes, or emergency breakdown lanes that are not utilized as through lanes;

7. Conversion of existing general purpose lanes (including ramps) to managed lanes or transit lanes, or changing lane management in a manner that would not substantially increase vehicle travel;

8. Addition of a new lane that is permanently restricted to use only by transit vehicles;

9. Reduction in number of through lanes;

10. Grade separation to separate vehicles from rail, transit, pedestrians or bicycles, or to replace a lane in order to separate preferential vehicles (e.g., HOV, HOT, or trucks) from general vehicles;

11. Installation, removal, or reconfiguration of traffic control devices, including Transit Signal Priority (TSP) features;

12. Installation of traffic metering systems, detection systems, cameras, changeable message signs and other electronics designed to optimize vehicle, bicycle, or pedestrian flow;

13. Timing of signals to optimize vehicle, bicycle, or pedestrian flow;

14. Installation of crosswalks, with or without vehicle yield compliance enhancements such as rapid rectangular flashing beacons or overhead lights;

15. Installation of roundabouts or traffic circles;

16. Installation of pedestrian scrambles at existing intersections;

17. Installation or reconfiguration of traffic calming devices;

18. Adoption of or increase in tolls;

19. Initiation of new transit service;

20. Conversion of streets from one-way to two-way operation with no net increase in number of traffic lanes;

21. Removal or relocation of off-street or on-street parking spaces (unless the removal or relocation of spaces results in the creation of a new SOV through travel lane – turning pockets are exempt);

22. Adoption or modification of on-street parking or loading restrictions (including meters, time limits, accessible spaces, and preferential/reserved parking permit programs);

23. Addition of wayfinding signage;

24. Rehabilitation and maintenance projects that do not add motor vehicle capacity;

25. Addition of new or enhanced bike or pedestrian facilities on existing streets/highways or within existing public rights-of-way (which include restriping of an existing vehicle lane for such facilities);

26. Addition of Class I bike paths, trails, multi-use paths, or other off-road facilities that serve nonmotorized travel;

27. Installation of publicly available alternative fuel/charging infrastructure; and

28. Addition of new neighborhood street to break up a “superblock” between 400 and 1,500 feet in width and reduce driving distance.

SECTION 4. Vehicle Miles Traveled Significance Threshold for Transportation Projects

Transportation projects that are not exempt under Section 3, above, shall be subject to VMT analysis. Transportation projects that will increase total citywide VMT will result in a significant transportation impact.

APPENDIX B:

SANTA MONICA VEHICLE MILES TRAVELED TOOL USER GUIDE

City of Santa Monica VMT Tool User Guide

Version 1.0

City of Santa Monica

Community Development Department

November 2020

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APPENDICES

Appendix A: TDM Strategies

Appendix A: VMT Tool User Agreement

1 User Guide Overview

This User Guide provides a step-by-step approach to using the City of Santa Monica Vehicle Miles Traveled Tool (VMT Tool). The tool enables the user to enter various mixes and intensities of land use, select transportation demand management (TDM) strategies and mitigations, and review the resulting vehicle trips and vehicle miles traveled (VMT) generated by the project. The VMT Tool applies the screening criteria and significance thresholds adopted by the City of Santa Monica to determine whether a VMT analysis is required, and displays the relationship of the project's estimated household and work VMT to local significance criteria.

Section 2 of this guide, explain how to enter the project's location by parcel and the project's land use characteristics. **Section 3** documents how to include TDM strategies as part of the project. **Section 4** provide examples of the tool's reporting capabilities. These reports may be submitted to the City of Santa Monica as part of the transportation analysis for the project. The User Agreement, which should be printed, signed, and submitted to the City for the project, is presented in **Section 5** and **Appendix B.** City of Santa Monica TDM strategies are described in **Appendix A** describe

The Santa Monica VMT Tool may be accessed and/or downloaded https://www.smgov.net/Departments/PCD/Transportation/Developers/VMT

1.1 Purpose

The VMT Tool is specifically designed and intended to be used for the development of project-specific daily household VMT per capita, daily work VMT per employee, and daily resident + work VMT metrics for residential and non-residential land use development projects in the City of Santa Monica. It implements the methodologies, screening criteria, and impact significance thresholds adopted by the City of Santa Monica for residential and employment projects. TDM strategies should not be considered for the purpose of screening.

The VMT Tool allows the user to choose from the following commonly occurring land uses:

Residential Uses

- Multi-Family, Zero Cars Residential
- Multi-Family, One Car Residential
- Multi-Family, Two or More Cars

Non-Residential Uses

- Hotel
- Office
- Creative Office
- Medical Office
- Hospital
- Restaurant
- Retail
- Supermarket
- Light Industrial

Although the tool may be useful for other purposes, it is not designed to do the following:

- Calculate peak hour or peak period vehicle trips or VMT
- Calculate person trips
- Calculate truck trips
- Distribute or assign trips
- Estimate net changes in area VMT due to implementation of a retail project
- Evaluate VMT impacts of regional-serving retail projects, entertainment projects, or event centers
- Evaluate VMT impacts of land use plans (e.g., general plans, community plans, and specific plans)
- Evaluate VMT impacts of transportation improvement projects

1.2 System Requirements

The VMT Tool has been tested to run in Excel 2016 on Windows 10. (Limited test with Excel 2019 shows compatibility as well)

2 Screening Tab

The screening criteria adopted by the City for determining whether a VMT analysis needs to be conducted for the project are applied in the Screening Tab. In order to conduct the screening, basic project information, existing land use(s) on the project site to be removed by the project, and proposed project land use(s) should be input by the user. This section is divided into four parts:

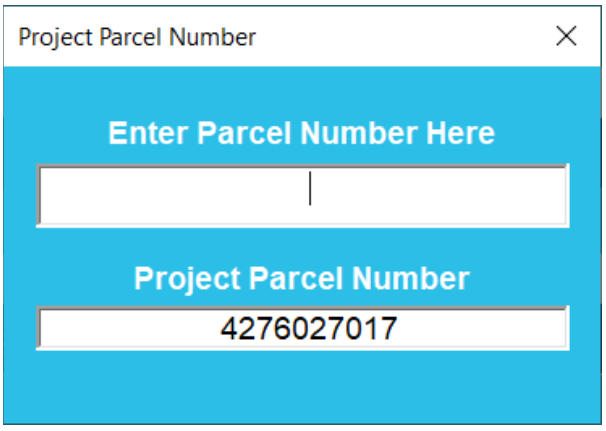
1. Project Name
2. Project Parcel
3. Project Land Use
4. Project Screening

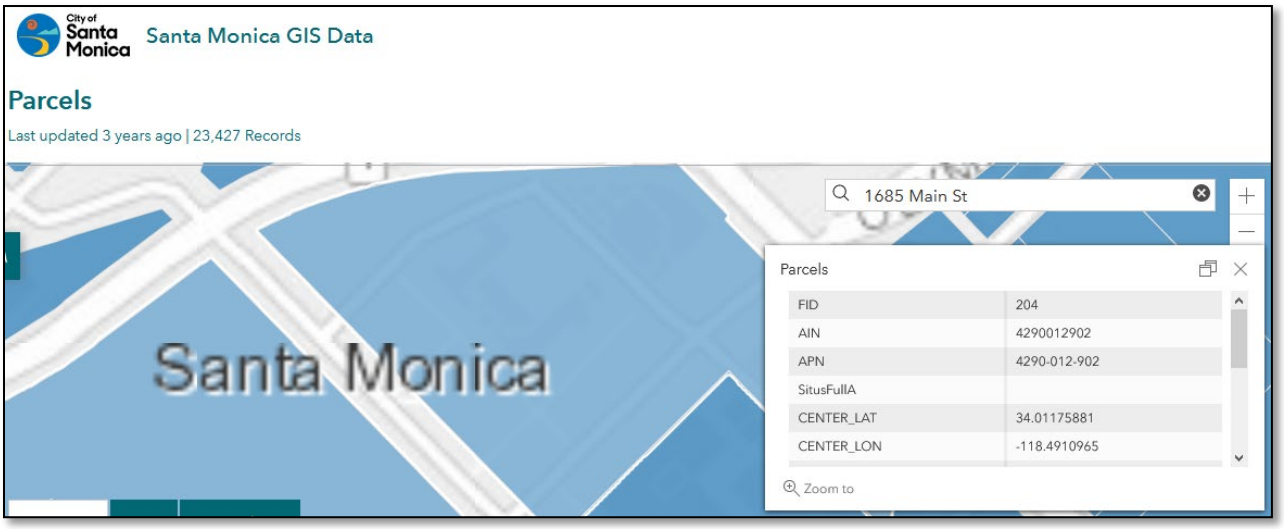
2.1 Project Name

The Project Information section begins with a description of the project name and scenario. Use the light blue box to enter the project name and the scenario to be tested.

2.2 Project Parcel

Click on the light blue box. A new dialog box will appear for the user to enter the project parcel. If the parcel number is not known, click on the orange link, " click here to access Santa Monica's online parcels database," to access the City's online portal and find the project parcel. In the example for City Hall at 1685 Main Street, enter parcel number (AIN) 4290012902 for the project parcel.





Project Parcel(s) (click here to access Santa Monica's online parcels database)

4290012902

When the project parcel is entered, a red project parcel marker will display on the map to show where the parcel is located.

2.3 Project Land Use

The Screening Tab allows the user to enter information regarding both the existing land use(s) on the project site that will be removed by the project and the proposed land use(s). This is for informational purposes and does not affect VMT calculation for the proposed project.

The VMT Tool has several predefined land uses that may be used to create the existing and project land use scenarios. These predefined land uses are the most common land uses in the City. Scroll down beneath the map and screening question, then add the land uses to the 'Existing Uses on Project Site' section on the left or the 'Proposed Project' section on the right. Existing and project daily trip estimates will be shown at the bottom in the teal boxes.

Project Land Use

Existing Uses on Project Site (leave empty if not removing existing land use)

Residential	Value	Unit
Multi-Family with Zero Parking Spaces		du
Multi-Family with One Parking Spaces		du
Multi-Family with Two Parking Spaces		du

Hotel	Value	Unit
Hotel		rooms
(exclude any land use entered below)		ksf

Non-Residential	Value	Unit
Office	456.800	ksf
Creative Office		ksf
Medical Office		ksf
Hospital		ksf
Restaurant		ksf
Retail		ksf
Supermarket		ksf
Light Industrial		ksf

Existing Daily Residential Trips	0	Trips
Existing Daily Non-Residential Trips	4,806	Trips
Existing Daily Trips	4,806	Trips

Proposed Project

Residential	Value	Unit
Multi-Family with Zero Parking Spaces		du
Multi-Family with One Parking Spaces		du
Multi-Family with Two Parking Spaces		du

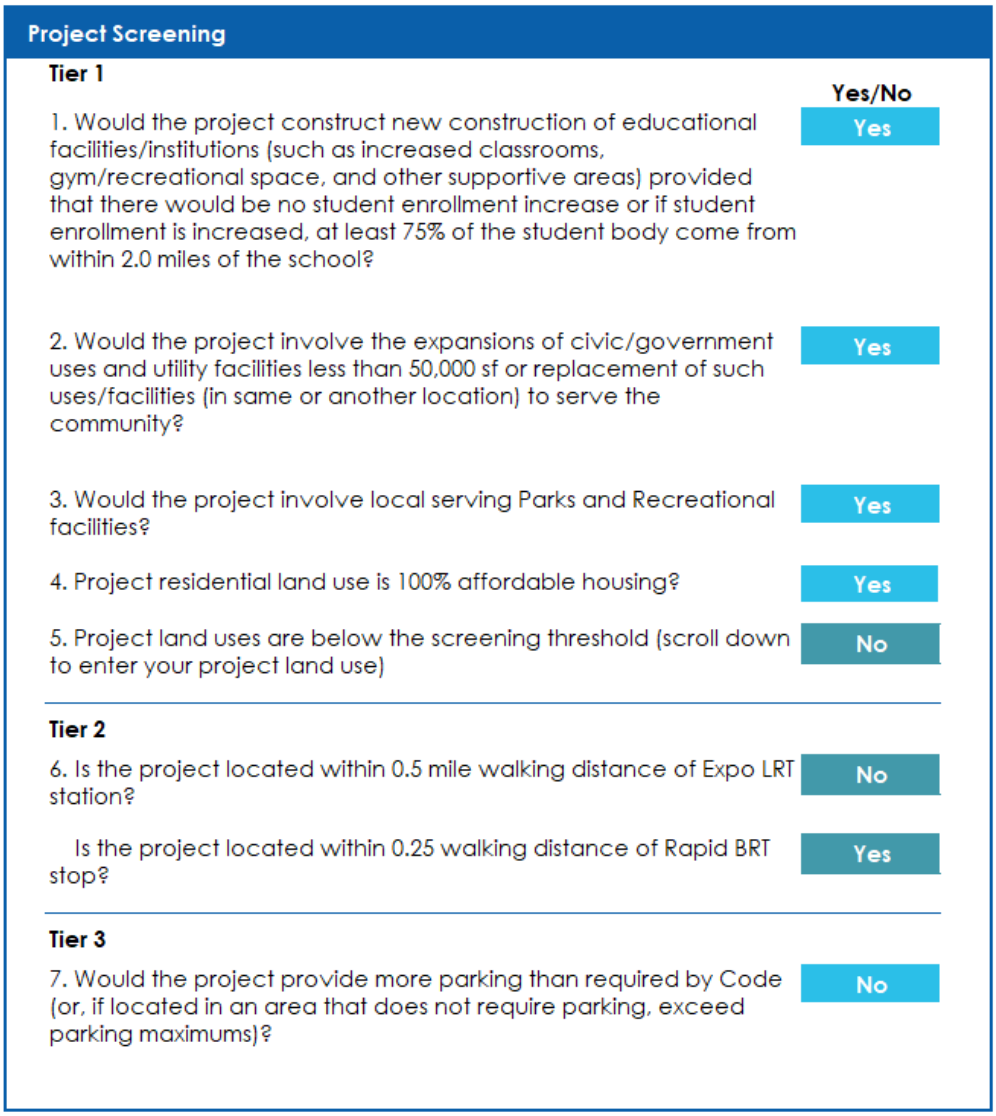
Hotel	Value	Unit
Hotel		rooms
(exclude any land use entered below)		ksf

Non-Residential	Value	Unit
Office	169.309	ksf
Creative Office		ksf
Medical Office		ksf
Hospital		ksf
Restaurant	5.376	ksf
Retail		ksf
Supermarket		ksf
Light Industrial		ksf

Proposed Project Daily Residential Trips	0	Trips
Proposed Project Daily Non-Residential Trips	2,222	Trips
Proposed Project Daily Trips	2,222	Trips

2.4 Project Screening

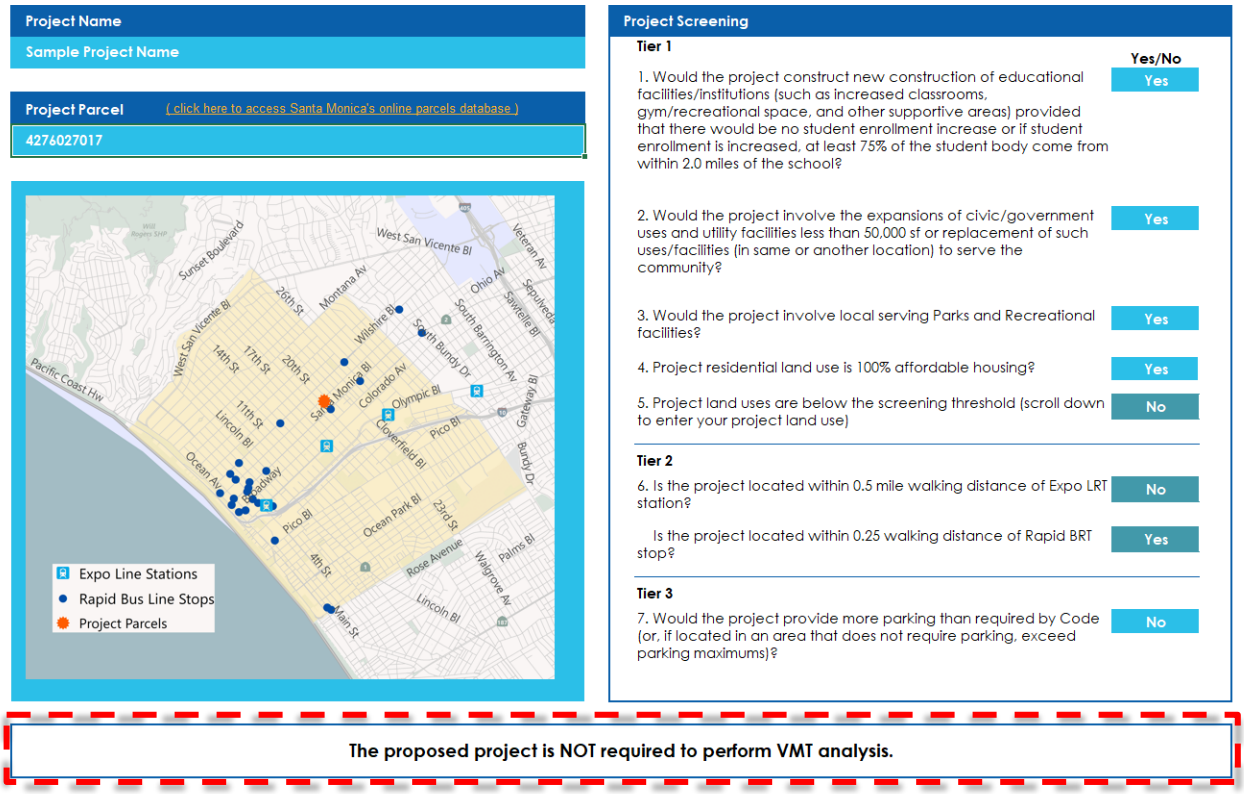
The Project Screening section asks the user to answer five 'Yes/No' screening questions as part of determining if the project is screened from analysis. The five light blue boxes are direct user inputs. The three teal boxes are answers calculated automatically by the tool, based on project parcel location and project land use information.



The VMT Tool analyzes a proposed project dynamically within the tool. The following results are provided within the Screening Tab 'Project Screening' and 'Project Land Use,' based on the user inputs:

- **Existing and Proposed Project Daily Vehicle Trips:** These are broken down by residential and non-residential trips.

- **Screening Criteria Answers:**
  - Tier 1 Screening Criteria: This checks if the project is screened under specific land use criteria.
  - Tier 2 Screening Criteria: If not screened under Tier 1, this checks if project is located within a 0.5-mile walking distance of an Expo LRT station or if it is located within a 0.25-mile walking distance of a Rapid BRT stop.
  - Tier 3 Screening Criteria: If screened under Tier 2, this checks that the project is not providing more parking than required by City of Santa Monica code.
- **Screening Criteria Conclusion:** The proposed project is required to perform a VMT analysis or is not required to perform a VMT analysis. A proposed project is not required to perform a VMT analysis if it meets Tier 1 screening criteria or if it meets both Tier 2 and Tier 3 screening criteria.



3 TDM Tab

The TDM Tab allows the user to enter information regarding transportation demand management strategies to be applied as part of the project and displays the resulting estimated daily vehicle trips and daily VMT.

3.1 Preliminary Results

This section shows the daily project-specific summary, both with and without TDM. Estimated daily vehicle trips, daily VMT, daily household VMT per capita, and daily work VMT per employee are summarized with and without TDM strategies applied. The significant VMT impact summary for the household VMT and work VMT is also shown here.

The business as usual VMT (BAU VMT) is also provided. The BAU VMT is the sum of home-based VMT for residential and home-based work VMT for employees generated by the project, based on the current existing citywide average.

3.2 TDM Strategies

There are a variety of transportation demand management strategies included in the VMT Tool. These strategies may be applied as part of the project. Three general steps are available to add TDM strategies to the project, as listed below.

1. The first step is to select a strategy to be part of the project. Locate the appropriate TDM strategies under each parent strategy to apply to the project. There are four parent strategies as follows:
    - Parking
    - Transit
    - Commute Trip Reduction
    - Site Design

    Click on the orange box to select or deselect a particular TDM strategy. An “X” indicates the strategy is selected.

2. For the second step to apply a TDM strategy, enter the quantity and intensity of the TDM strategy, if applicable. More information regarding the TDM strategies available for selection in the VMT Tool, including description and applicability of each strategy, methodology for estimating effectiveness of each strategy, and research sources supporting the effectiveness calculations, is provided in **Attachment A** of this User Guide. Users may also view the Report Tab at the bottom of the tool to see all of the TDM strategies selected for the project and understand how VMT reductions are assigned by residential and non-residential trip purpose to the project’s TDM strategies.

3.3 TDM Tab Reporting Metrics

The reporting within the TDM Tab provides details on the proposed project under the following two scenarios:

1. Proposed project **without** TDM strategies

2. Proposed project **with** TDM strategies

Key project metrics of interest are reported for both scenarios. These metrics include the following:

- Daily Vehicle Trips
- Daily VMT
- Household VMT per Capita: The total home-based VMT productions divided by the population of the project
- Work VMT per Employee: The total home-based work attractions divided by the employment of the project
- Business as Usual VMT (BAU VMT): The sum of home-based VMT productions for residential use plus home-based work attractions VMT for non-residential use if the project was generating VMT per capita at the existing citywide average.
- Household Significance Threshold: The household VMT per capita is measured against the citywide threshold to determine if the project has a significant household impact.
- Work Significance Threshold: The work VMT per employee is measured against the citywide threshold to determine if the project has a significant work impact.

4 Reporting

In addition to the live reporting, the VMT Tool also provides a tab for a print-ready report. This report, accessed using the tabs at the bottom of the tool window, allows the user to review the major project inputs and outputs. Additionally, the report provides detailed information on the TDM mitigation strategies.

Examples of this report are provided in **Appendix B**. The report includes the following:

1. **Project Screening & Project Land Use:** Documentation of the inputs and outputs of the tool for the specified project and an analysis overview. A summary of the project screening and the requirement for VMT analysis is also included.

2. **Proposed Project Summary VMT Results:** Reporting of the daily VMT, household VMT, work VMT, and resident + employee VMT metrics, and whether each metric meets Significant VMT Impact.

3. **Transportation Demand Management Strategies:** A detailed breakdown of the TDM strategies that were selected for the project, which reports the VMT reductions associated with the TDM strategies selected by residential and non-residential trip purposes, along with a project-level summary at the top of the section.

Santa Monica VMT Tool - Report

Project Name	Project Parcel(s)
Sample Project Name	4276027018

Project Screening

	Yes/No
1. Would the project construct new educational facilities/ institutions (such as increased classrooms, gym/recreational space, and other supportive areas) provided that there would be no student enrollment increase or if student enrollment is increased, 75% of the student body come from within 2.0 miles of the school?	-
2. Would the project involve the expansions of civic/government use (such as fire and police stations) and utility facilities less than 50,000 sf or replacement of such uses/facilities (in same or another location) to serve the community?	-
3. Would the project involve local serving Parks and Recreational facilities, as determined by City Staff?	-

	Yes/No
4. Project residential land use is 100% affordable housing?	-
5. Project land uses are below the screening threshold	N/A
6. Is the project located within 0.5 mile walking distance of Expo LRT station?	No
Is the project located within 0.25 walking distance of Rapid BRT stop?	Yes
7. Would the project provide more parking than required by Code (or if located in the Downtown, exceed parking maximums)?	-

The proposed project is required to perform VMT analysis.

City of Santa Monica

Santa Monica VMT Tool - Report

Project Land Use

Existing Uses on Project Site

Residential	Value	Unit
Multi-Family Zero Cars	0	du
Multi-Family One Car	0	du
Multi-Family Two or More Cars	0	du

Hotel	Value	Unit
Hotel	0	rooms
(exclude any attached land use entered below)	0	ksf

Non-Residential	Value	Unit
Office	0	ksf
Creative Office	0	ksf
Medical Office	0	ksf
Hospital	0	ksf
Restaurant	0	ksf
Retail	0	ksf
Supermarket	0	ksf
Light Industrial	0	ksf

Existing Daily Residential Trips	0	Trips
Existing Daily Non-Residential Trips	0	Trips
Existing Daily Trips	0	Trips

Proposed Project

Residential	Value	Unit
Multi-Family Zero Cars	0	du
Multi-Family One Car	0	du
Multi-Family Two or More Cars	0	du

Hotel	Value	Unit
Hotel	0	rooms
(exclude any attached land use entered below)	0	ksf

Non-Residential	Value	Unit
Office	0	ksf
Creative Office	0	ksf
Medical Office	0	ksf
Hospital	0	ksf
Restaurant	0	ksf
Retail	0	ksf
Supermarket	0	ksf
Light Industrial	0	ksf

Proposed Project Daily Residential Trips	0	Trips
Proposed Project Daily Non-Residential Trips	0	Trips
Proposed Project Daily Trips	0	Trips

Proposed Project Summary VMT Results

	Daily VMT				Household VMT			Work VMT			Resident + Employee VMT			
	Total Project Trips	Total Project VMT	Project VMT per service pop	City VMT per service pop	VMT per capita	VMT Impact Threshold	Significant VMT Impact?	VMT per employee	VMT Impact Threshold	Significant VMT Impact?	Project VMT	Business as Usual VMT	Difference	Significant VMT Impact?
No TDM	0	0	0	27	0.0	9.0	No	0.0	19.2	No	0	0	N/A	N/A
With TDM	0	0	0	27	0.0	9.0	No	0.0	19.2	No	0	0	N/A	N/A

City of Santa Monica

Santa Monica VMT Tool - Report

Transportation Demand Management Strategies

TDM Adjustments Summary

Residential	Non-Residential	Combined Total
N/A	N/A	N/A

Parking

TDM Adjusments by Strategy

Off-Street Parking Cost

This strategy estimates the effect of increasing the cost of off-street parking. Off-street parking refers to parking in a lot, garage, or other parking facility where the project can control the parking price.

$0	Baseline Off-Street
$0	Proposed Off-Street

Residential	N/A
Non-Residential	N/A

Parking Supply

This strategy estimates the effect of decreasing the parking supply relative a baseline (typically the code requirements for parking provision, or the amount of parking provided by similar sites in similar locations). Parking supply refers to the total number of parking spaces provided.

0	Baseline Number of Spaces
0	Proposed Number of Spaces

Residential	N/A
Non-Residential	N/A

Transit

TDM Adjusments by Strategy

Transit Frequency

This strategy estimates the effect of providing more frequent service / shorter headways. If there is no existing transit service, the measure should be coded as a change in coverage rather than a change in frequency.

0	Baseline Frequency (minutes)
0	Proposed Frequency (minutes)

Residential	N/A
Non-Residential	N/A

Private Point-to-Point Shuttles

This strategy estimates the effect of providing private shuttles as a new service that is available only for those affiliated with the project. Point-to-point shuttles refer to shuttles that transport employees directly from the project site to a popular destination (i.e., long haul commute shuttles, like "Google Bus" type shuttles.)

Residential	N/A
Non-Residential	N/A

Last Mile Shuttle

This strategy estimates the effect of providing private shuttles as a new service that is available only for those affiliated with the project. Last mile shuttles refer to shuttles that connect the site to the nearest high quality transit station (high volume of riders or frequent peak hour service).

Residential	N/A
Non-Residential	N/A

Santa Monica VMT Tool - Report

Commute Trip Reduction

TDM Adjusments by Strategy

Commute Marketing Program

This strategy estimates the effect of commute marketing programs for employees, residents, and visitors. Commute marketing programs are the traditional TDM program, and consist of using staff time (through either a dedicated staff member, or through a transportation management agency) to advertise non-driving options to project employees, residents, and visitors. This may include direct outreach, help with trip planning, development of promotional materials, etc.

- Employees
- Residents
- Visitors

TDM Adjusments by Strategy	
Residential	N/A
Non-Residential	N/A

Financial Commuter Incentives

TDM Adjusments by Strategy	
Residential	N/A
Non-Residential	N/A

(You may choose only one strategy)

Commuter Incentives

This strategy estimates the effect of providing commuter incentives to employees. Commuter incentives are direct cash payments to employees for traveling via transit, carpool, vanpool, bicycle, or walking. This should not be combined with Transit Subsidies, Parking Cashout, or Carpool/Vanpool Incentives, since these are separate strategies to achieve the same goal.

$0	per	0	Financial Incentive ($)
$0	per	0	Average Baseline Commute Cost ($)

Transit Subsidies

This strategy estimates the effect of providing transit subsidies to employees, residents, and/or visitors. Transit subsidies are direct payments to individuals for use of public transit. This should not be combined with Commuter Incentives, Parking Cashout, or Carpool/Vanpool Incentives, since these are separate strategies to achieve the same goal.

Employees	0%	Percentage of Cost Subsidized
Residents	0%	Percentage of Cost Subsidized

Site Design

TDM Adjusments by Strategy

Pedestrian-Oriented Design

This strategy estimates the effect of implementing pedestrian-oriented design. Pedestrian-oriented design is based on a qualitative assessment of how well the design of a project caters to pedestrians. At a minimum, project elements should include traffic calming, sidewalks on all frontages, pedestrian access via sidewalks, and block distances not exceeding 600 feet.

TDM Adjusments by Strategy	
Residential	N/A
Non-Residential	N/A

version 1.0

City of Santa Monica

5 User Agreement

The VMT Tool User Agreement is included in a tab within the VMT Tool. The User Agreement should be printed, signed, and submitted to the City of Santa Monica for the project. A copy of the User Agreement is included in **Appendix B**.

APPENDIX A

TRANSPORTATION DEMAND MANAGEMENT STRATEGIES

1 TRANSPORTATION DEMAND MANAGEMENT STRATEGIES IN THE SANTA MONICA VMT CALCULATOR

1.1 Introduction

This document provides an overview of the Transportation Demand Management (TDM) strategies included in the City of Santa Monica Vehicle Miles Traveled (VMT) Calculator. The VMT Calculator is a tool designed to measure whether a development project exceeds the VMT thresholds of the City of Santa Monica, based on the Santa Monica travel behavior forecasting model validated to City of Santa Monica conditions, as documented in the City of Santa Monica Model Report (Fehr & Peers, 2019) and the potential VMT reductions available from certain types of project site modifications, programming, and operational changes collectively known as 'TDM strategies.'

The effectiveness of each of the nine TDM strategies included in the VMT Calculator is based primarily on strategies identified in the California Air Resource Board's Zero Carbon Building Study (ongoing), which draws from the 2010 California Air Pollution Control Officers Association (CAPCOA) publication, *Quantifying Greenhouse Gas Mitigation Measures* (CAPCOA, 2010), and additional research published since 2010. Each of these studies include evidence pertaining to anticipated changes in travel behavior in response to TDM programs, pricing, or other factors. The methodology for calculating the anticipated VMT reduction is specified for each strategy in the following pages.

The VMT Calculator considers the general context of a site when determining how effective individual TDM measures may be. The effectiveness or applicability of a measure is determined by the 'placetype,' which is a predefined category based on land use characteristics of the location where the project is sited. For Santa Monica, three placetypes have been defined depending on the project's location, and are listed below. A map showing the placetype designation across the City of Santa Monica is included in **Figure 1**.

1. Urban Core – in Downtown Santa Monica
2. Urban High Transit – in the Transit Priority Areas
3. Urban Low Transit – outside of the Transit Priority Areas

The TDM strategies are individually described in this document, with individual levels of effectiveness identified. However, to ensure the effectiveness of TDM strategies is not overstated, the VMT reductions in the VMT Calculator are both *dampened* and *capped*.

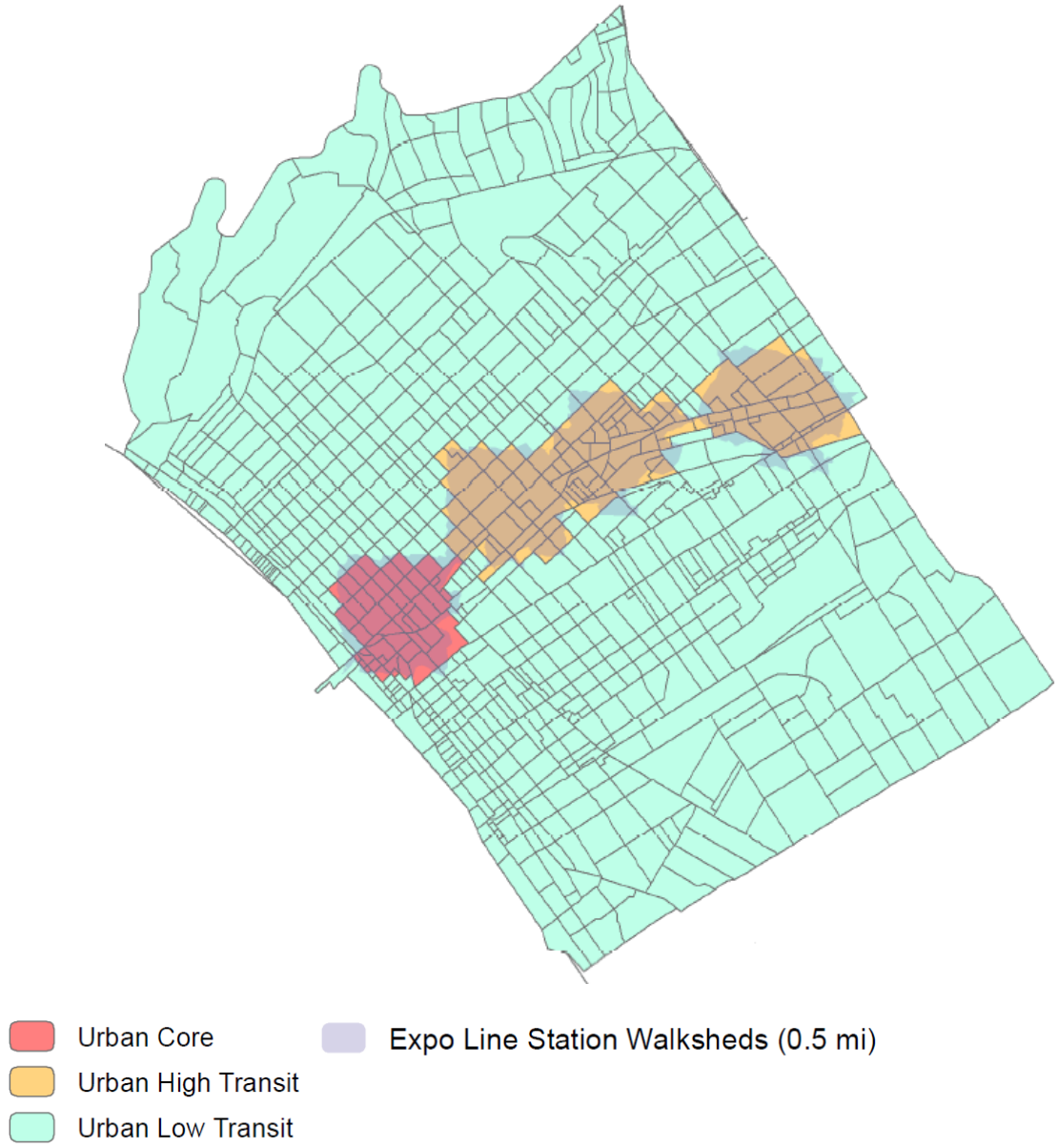
Dampening: Within each type of trip (home-based work trip starting at the home end, for example), a multiplicative dampening formula is applied. For example, if both Strategy A and Strategy B are applied, the combined effectiveness is not A+B, but rather 1-(1-A)*(1-B). This

captures the reality that many people who would consider using Strategy B overlap with the potential market for Strategy A, and would choose A or B for each trip, but not both A and B.

Capping: For the full set of strategies selected across all trip types, a global maximum reduction of 40% is applied. This level of reduction reflects the CAPCOA maximum reduction for TDM measures.

In the following pages, the inputs required by the project applicant are listed. The other formula components are either coefficients identified in the research and documented in the literature or predefined quantities based on the location of the project.

FIGURE 1: City of Santa Monica Placetypes



1.2 Santa Monica TDM Strategies Categories

- Parking Category
  - Off-Street Parking Cost
  - Parking Supply

- Transit Category
  - Transit Frequency
  - Private Point-to-Point Shuttle
  - Last Mile Shuttle

- Commute Trip Reduction Category
  - Commute Marketing Program
  - 2A. Financial Commuter Incentives: Commuter Incentives
  - 2B. Financial Commuter Incentives: Transit Subsidies

- Site Design Category
  - Pedestrian Network Improvements

1.3 Parking Category

1.3.1 1. Off-Street Parking Cost

This strategy implements parking pricing for off-street parking locations for residents, employees, and visitors to the site. Off-street parking refers to parking in a lot, garage, or other parking facility where the project developer or site manager can control the parking price. This strategy is appropriate for all land use contexts and all types of development, and applies to all trip types.

The maximum available VMT reduction from this strategy is 5.5%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of Parking Demand to Parking Price) x (Percent Change in Parking Price) x (Percent of Trips Parking Off-Street)

1.3.1.1 User Inputs

- **Baseline Parking Price:** Enter the dollar amount of the parking cost (per hour or per day) that is required today to park on site.
- **Proposed Parking Price:** Enter the dollar amount of the parking cost (per hour or per day, in same unit as for baseline) that the project will require to park on site.

1.3.1.2 Additional Factors

- Constant elasticity of -0.11
- Percent of trips parking off street is assumed to be 60.9%[1]

1.3.1.3 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research documents:

- Ottosson, D. B., Chen, C., Wang, T., & Lin, H. (2013). *The Sensitivity of On-Street Parking Demand in Response to Price Changes: A Case Study in Seattle, WA*. Transport Policy, 25, 222-232.
- Pierce, G., & Shoup, D. (2013). *Getting the Prices Right: An Evaluation of Pricing Parking by Demand in San Francisco.* Journal of the American Planning Association, 79(1), 67-81.
- J. Peter Clinch and J. Andrew Kelly (2003). *Temporal Variance of Revealed Preference On-Street Parking Price Elasticity*. Department of Environmental Studies, University

[1] This figure, 60.9%, reflects 5/6 of the total trips made by vehicle, or 73% of trips, based on the 2017 American Community Survey Five-Year Estimates for Santa Monica. We have assumed that 5/6 of all vehicle trips would park off street, and 1/6 of all vehicle trips would park on street.

College Dublin (www.environmentaleconomics.net). http://www.ucd.ie/gpep/research/workingpapers/2004/04-02.pdf, As referenced in VTPI: http://www.vtpi.org/tdm/tdm11.htm#_Toc161022578.

1.3.2 2. Parking Supply

This strategy reduces the on-site residential parking supply below a baseline parking supply. For any project in the city, including Downtown, but excluding Bergamot Plan area, the baseline parking supply is the City's Municipal Parking Code[2] . For projects in Bergamot Plan the baseline parking supply is identified in the Bergamot Area Plan[3]. Code-permitted reductions in parking supply considered to reduce the supply below a baseline could include locating in a TOC, employing a Density Bonus, utilizing the Bike Parking ordinance, or locating in a Specific Plan area, such as the Downtown Specific Plan area. Reductions in parking supply could also result from variances sought by a project. This strategy is appropriate to use for residential developments and applies to home-based work (production) and home-based other (production) trip types. This strategy is 100% effective in Urban Core and Urban High Transit contexts, and 50% effective in Urban Low Transit contexts.

The maximum available VMT reduction from this strategy is 5.5%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

% VMT Reduction = (Estimate of Baseline Vehicle Trips – Estimate of Proposed Vehicle Trips) / (Estimate of Baseline Vehicle Trips) * (R^2) *Where* Vehicle Trips = 0.7015 * (Parking Supply) – 0.1389; and R^2 = 0.4292

1.3.2.1 User Inputs

- **Base City Code Parking Requirements:** Enter the number of spaces that would be required by direct application of the parking code (without integrating any parking reduction mechanisms permitted in the code), or the amount of parking typically provided by similar spaces in similar locations.
- **Actual Parking Provision:** Enter the number of spaces the project will be providing.

[2] TABLE 9.28.060 PARKING REGULATIONS BY USE AND LOCATION http://www.qcode.us/codes/santamonica/view.php?cite=_9.28.060&confidence=5

[3] Bergamot Area Plan, 2013 https://www.smgov.net/uploadedFiles/Departments/PCD/Plans/Bergamot-Area-Plan/Bergamot%20Area%20Plan%20Final%20Adopted%2012.10.13(1).pdf

1.3.2.2 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research document:

- Schuett, Paine, Riessen, Schwartz, Ziebarth, Chan, & Whinery. (2015). *Does Providing Parking Influence Auto Mode Share in an Urban Environment?* Transportation Research Board 95th Annual Meeting, 2016.

1.4 Transit Category

1.4.1 1. Transit Frequency

This strategy makes transit service more appealing by reducing headways and thereby reducing overall transit trip time, encouraging riders to switch from auto to transit use. This strategy assumes transit is already present in the project area, and requires close coordination with the transit service operator in the area to demonstrate the assumed service improvements will be implemented by the time the project is open. The project applicant would typically be required to financially support the operation of additional service, and demonstrate commitment and partnership with the transit service provider through formal documentation. This strategy is appropriate for all land use contexts and all types of development, and applies to all trip types.

The maximum available VMT reduction from this strategy is 0.6%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of Transit Ridership to Transit Frequency) x (Percent Change in Transit Frequency) x (Existing Transit Mode Share) x (Ratio of Average Transit Trip Length to Average Vehicle Trip Length)

1.4.1.1 User Inputs

- **Baseline Headway:** Enter the existing peak-period headways, in minutes.
- **Proposed Headway:** Enter the proposed peak period headways, in minutes.

1.4.1.2 Additional Factors

- Constant elasticity of 0.5
- Existing transit mode share – the percent mode share for transit in Santa Monica, which is 4%, based on US Census American Communities Survey commute mode share information from 2017

- Ratio of Average Transit Trip Length to Average Vehicle Trip Length assumed to be 25%[4]

1.4.1.3 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research documents:

- Handy, Lovejoy, Boarnet, Spears. (2013). *Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions.* http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf
- Litman, T. (2004). *Transit Price Elasticities and Cross-Elasticities*. Journal of Public Transportation, 7(2), 3.
- Taylor, B.D., Miller, D., Iseki, H., & Fink, C. (2009). *Nature and/or Nurture? Analyzing the Determinants of Transit Ridership Across US Urbanized Areas.* Transportation Research Part A: Policy and Practice, 43(1), 60-77.

1.4.2 2. Private Point-to-Point Shuttle

This strategy involves the implementation of a project-operated or project-sponsored long haul shuttle transporting employees of the project site between the project site and residential areas. This strategy is most appropriate for application to very large project sites where employee residences are concentrated. For an office location in Santa Monica, these private point-to-point shuttles may carry large numbers of employees to Downtown Los Angeles, the Valley, Long Beach, or other areas where a concentration of non-local employees may live. This strategy is appropriate for all land use contexts and for office developments, and applies to home-based work (attraction) trips.

The maximum available VMT reduction from this strategy is 1.4%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of VMT to Shuttle Mode Share) x (Percent Shuttle Mode Share)

1.4.2.1 User Inputs

- There are no user inputs for this strategy.

[4] The ratio of Average Transit Trip Length to Average Vehicle Trip Length is assumed to be 25%, which reflects summarized research literature that demonstrated a range of 2% to 50%; 25% was used as a sensible midpoint.

1.4.2.2 Additional Factors

- Constant elasticity of -0.27
- Percent Shuttle Mode Share (default): Assumed to be 5%, based on case studies in the Bay Area

1.4.2.3 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research documents:

- Handy, Lovejoy, Boarnet, Spears. (2013). *Impacts of Transit Service Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions.* http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf
- Litman, T. (2004). *Transit Price Elasticities and Cross-Elasticities.* Journal of Public Transportation, 7(2), 3.
- Taylor, B.D., Miller, D., Iseki, H., & Fink, C. (2009). *Nature and/or Nurture? Analyzing the Determinants of Transit Ridership Across US Urbanized Areas.* Transportation research Part A: Policy and Practice, 43(1), 60-77.

3. Last Mile Shuttle

This strategy involves the implementation of a project-operated or project-sponsored shuttle, transporting employees of the project site between the project site and the nearest transit hubs. This strategy is most appropriate for application to very large project sites; smaller projects may also utilize this strategy through participating in a neighborhood shuttle with other projects in the vicinity. Shuttle service should not simply mirror existing service, but provide new opportunities for access to rail stations or transit hubs. This strategy is appropriate for all land-use contexts and for office developments, and applies to home-based work (attraction) trips.

The maximum available VMT reduction from this strategy is 0.8%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of Transit Ridership to Transit Network Coverage) x (Existing Transit Mode Share) x (Ratio of Average Transit Trip Length to Average Vehicle Trip Length)

1.4.2.4 User Inputs

- There are no user inputs for this strategy.

1.4.2.5 Additional Factors

- Constant elasticity of 0.7

- Existing transit mode share: The percent mode share for transit in Santa Monica, which is 4%, based on US Census American Communities Survey commute mode share information from 2017
- Ratio of Average Transit Trip Length to Average Vehicle Trip Length assumed to be 25%[5]

1.4.2.6 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research documents:

- Handy, Lovejoy, Boarnet, Spears. (2013). *Impacts of Transit Service Strategies on Passengers Vehicle Use and Greenhouse Gas Emissions.* http://www.arb.ca.gov/cc/sb375/policies/transitservice/transit_brief.pdf
- Sadek et al. (2011). *Reducing VMT Through Smart Land Use Design*. NYDOT. https://www.dot.ny.gov/divisions/engineering/technical-services/trans-r-and-d-repository/C-08-29%20Final%20Report_December%202011%20%282%29.pdf

[5] The ratio of Average Transit Trip Length to Average Vehicle Trip Length is assumed to be 25%, which reflects summarized research literature that demonstrated a range of 2% to 50%; 25% was used as a sensible midpoint.

1.5 Commute Trip Reduction Category

1.5.1 1. Commute Marketing Program

This strategy involves the use of marketing and promotional tools to educate and inform travelers about site-specific transportation options and the effects of those travel choices. This strategy is most effective when it includes two-way communication tools, or tools that would encourage an individual to consider a different mode at the time the trip is taken (such as an app or a daily email). At a minimum, this strategy includes passive educational and promotional materials travelers could choose to read at their own leisure, such as posters, information boards, or a website with information. This strategy is appropriate for all land-use contexts and all types of development, and applies to all trip types.

The maximum available VMT reduction from this strategy is 3.2%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction based on a 3.2% blanket reduction of VMT based on the application of a commute marketing program at the site.

1.5.1.1 User Inputs

- There are no user inputs for this strategy.

1.5.1.2 Source

The application and effectiveness of this strategy are based on the following research document:

- National Academies of Sciences, Engineering, and Medicine. 2010. *Traveler Response to Transportation System Changes Handbook, Third Edition: Chapter 19, Employer & Institutional Travel Demand Strategies*. Washington, DC: The National Academies Press. https://doi.org/10.17226/23433.

1.6 Commute Trip Reduction Category

1.6.1 2. Commuter Incentives

This strategy involves the subsidization of commute cost for employees of the project site. The subsidy must be proactively offered to each employee at least once annually for a minimum of five years, and must be provided for the entirety of the year on a daily, weekly, monthly, or annual basis. This subsidy could be applied at the discretion of the employee to cover commute costs, such as carpool/vanpool costs, carshare membership, bikeshare membership, or transit passes. Alternatively, it could be used by the employee for non-commute purposes in exchange for forgoing a parking space (i.e., parking cash-out). The value of the subsidy must amount to $110 per month, consistent with the City of Santa Monica's TDM Ordinance. This strategy is appropriate for all land use contexts and for office developments, and applies to home-based work (attraction) trips.

The maximum available VMT reduction from this strategy is 0.8%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of VMT to Commute Cost) x (% Commute Cost Subsidized) x (Ratio of Shifted Trip Length to Average Vehicle Trip Length)

1.6.1.1 User Inputs

- **Baseline Commute Cost:** Enter the dollar amount of average commute cost (per day, per week, or per month) per passenger.
- **Commute Subsidy Amount:** Enter the dollar amount of commute subsidy (for the same time period as for baseline) per passenger.

1.6.1.2 Additional Factors

- Constant elasticity of -0.03
- Ratio of Average Transit Trip Length to Average Vehicle Trip Length assumed to be 25%[6]

1.6.1.3 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research document:

> Dong, J., Davidson, D., Southworth, F., & Reuscher, T. (2012). *Analysis of Automobile Travel Demand Elasticities with Respect to Travel Cost.*

[6] The ratio of Average Transit Trip Length to Average Vehicle Trip Length is assumed to be 25%, which reflects summarized research literature that demonstrated a range of 2% to 50%; 25% was used as a sensible midpoint.

1.7 Commute Trip Reduction Category

1.7.1 3. Transit Subsidies

This strategy involves the subsidization of transit fare for residents and employees of the project site. The subsidy must be proactively offered to each dwelling unit and/or employee at least once annually for a minimum of five years, and must be provided for the entirety of the year on a daily, weekly, monthly, or annual basis. The value of the subsidy must amount to $110 per month, consistent with the City of Santa Monica's TDM Ordinance. This strategy assumes transit service is already present in the project area, and is appropriate for all land use contexts. Appropriate for residential and office developments, this strategy applies to home-based work (production), home-based other (production), and home-based work (attraction) trip types.

In Santa Monica, many transit fare products are available to pay for individual trips, unlimited trips on a single transit operator's system, or unlimited trips on multiple transit operators' systems, including the Santa Monica Big Blue Bus and LA Metro. Unlimited passes are available on a daily, weekly, and monthly basis, and can provide a per-trip discount if the rider exceeds a certain number of trips within the given time period. In addition, LA Metro offers several employer annual pass programs, including the Metro Annual Transit Access Pass (ATAP), the Metro Employer Pass Program (E-Pass), and the Metro Small Employer Pass Program (SEP), which offer steep discounts but require a high minimum threshold of participation among all employees. In the future, new pass options may become available and fare structures may change.

The maximum available VMT reduction from this strategy is 0.3%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction = (Elasticity of Transit Ridership to Transit Cost) x (% Transit Cost Subsidized) x (Existing Transit Mode Share) x (Ratio of Transit Trip Length to Average Vehicle Trip Length)

1.7.1.1 User Inputs

- **Percentage of Transit Cost Subsidized:** Enter the percent of the transit cost that is subsidized per person.

1.7.1.2 Additional Factors

- Constant elasticity of -0.28
- Existing transit mode share: The percent mode share for transit in Santa Monica, which is 4%, based on US Census American Communities Survey commute mode share information from 2017

- Ratio of Average Transit Trip Length to Average Vehicle Trip Length assumed to be 25%[7]

1.7.1.3 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research document:

- National Academies of Sciences, Engineering, and Medicine. (2010). *Traveler Response to Transportation System Changes Handbook, Third Edition: Chapter 19, Employer & Institutional Travel Demand Strategies.* Washington, DC: The National Academies Press. https://doi.org/10.17226/23433

[7] The ratio of Average Transit Trip Length to Average Vehicle Trip Length is assumed to be 25%, which reflects summarized research literature that demonstrated a range of 2% to 50%; 25% was used as a sensible midpoint.

1.8 Site Design Category

1.8.1 1. Pedestrian Network Improvements

This strategy involves implementation of pedestrian network improvements throughout and around the project site that encourage people to walk. It includes internally linking all uses within the project site with pedestrian facilities, such as sidewalks, and connecting the project site to the surrounding pedestrian network. The strategy also includes the elimination of barriers that impede pedestrian circulation, such as walls, landscaping, and slopes. At a minimum, project elements should include traffic calming, sidewalks on all frontages, pedestrian access via sidewalks, and block distances not exceeding 600 feet. This strategy is appropriate for all land use contexts and all types of development, and applies to all trip types. Internal pedestrian connections between the project's land uses and its parking supply do not qualify.

The maximum available VMT reduction from this strategy is 0.1%.

The formula used to calculate the reduction in VMT as a result of this strategy is as follows:

VMT Reduction based on a 0.1% blanket reduction of VMT based on the application of a commute marketing program at the site.

1.8.1.1 User Inputs

- There are no user inputs for this strategy.

1.8.1.2 Source

The application and effectiveness of this strategy, including the factors and assumptions mentioned above, are based on the following research documents:

- Handy, Sciara, Boarnet. (2014). *Impacts of Pedestrian Strategies on Passenger Vehicle Use and Greenhouse Gas Emissions.* http://www.arb.ca.gov/cc/sb375/policies/ped/walking_brief.pdf
- Pratt, Evans, Levinson. (2012). *Traveler Response to Transportation System Changes Handbook, Third Edition; Chapter 16, Pedestrian and Bicycle Facilities.* TCRP Report 95.

APPENDIX B

VMT TOOL USER AGREEMENT

VMT Tool User Agreement

The City of Santa Monica, in partnership with Fehr & Peers, has developed the Santa Monica VMT Tool to estimate project-specific daily household VMT per capita, daily work VMT per employee, and daily resident + employee VMT for land use development projects. This application, the VMT Tool, has been provided to You, the User, to assess vehicle miles traveled (VMT) outcomes of land use projects within the City of Santa Monica. The term "City" as used below shall refer to the City of Santa Monica. The terms "City" and "Fehr & Peers" as used below shall include their respective affiliates, subconsultants, employees, and representatives.

The City is pleased to be able to provide this information to the public. The City believes that the public is most effectively served when provided access to the technical tools that inform the public review process of private and public land use investments. However, in using the VMT Tool, You agree to be bound by this VMT Tool User Agreement (this Agreement).

VMT Tool Application for the City of Santa Monica. The City's consultant calibrated the VMT Tool's parameters in 2020 to estimate travel patterns of locations in the City, and validated those outcomes against empirical data. However, this calibration process is limited to locations within the City, and practitioners applying the VMT Tool outside of the City boundaries should not apply these estimates without further calibration and validation of travel patterns to verify the VMT Tool's accuracy in estimating VMT in such other locations.

Limited License to Use. This Agreement gives You a limited, non-transferrable, non-assignable, and non-exclusive license to use and execute a copy of the VMT Tool on a computer system owned, leased, or otherwise controlled by You in Your own facilities, as set out below, provided You do not use the VMT Tool in an unauthorized manner, and that You do not republish, copy, distribute, reverse-engineer, modify, decompile, disassemble, transfer, or sell any part of the VMT Tool, and provided that You know and follow the terms of this Agreement. Your failure to follow the terms of this Agreement shall automatically terminate this license and Your right to use the VMT Tool.

Ownership. You understand and acknowledge that the City owns the VMT Tool, and shall continue to own it through Your use of it, and that no transfer of ownership of any kind is intended in allowing You to use the VMT Tool.

Warranty Disclaimer. In spite of the efforts of the City and Fehr & Peers, some information on the VMT Tool may not be accurate. The VMT Tool, OUTPUTS, AND ASSOCIATED DATA ARE PROVIDED "as is" WITHOUT WARRANTY OF ANY KIND, whether expressed, implied, statutory, or otherwise including but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Limitation of Liability. It is understood that the VMT Tool is provided without charge. Neither the City nor Fehr & Peers can be responsible or liable for any information derived from its use, or for any delays, inaccuracies, incompleteness, errors, or omissions arising out of your use of the VMT Tool or with respect to the material contained in the VMT Tool. You understand and agree that Your sole remedy against the City or Fehr & Peers for loss or damage caused by any defect or failure of the VMT Tool, regardless of the form of action, whether in contract, tort, including negligence, strict liability, or otherwise, shall be the repair or replacement of the VMT Tool to the extent feasible as determined solely by the City. In no event shall the City or Fehr &

Peers be responsible to You or anyone else for, or have liability for any special, indirect, incidental, or consequential damages (including, without limitation, damages for loss of business profits or changes to businesses costs) or lost data or downtime, however caused, and on any theory of liability from the use of, or the inability to use, the VMT Tool, whether the data, and/or formulas contained in the VMT Tool are provided by the City or Fehr & Peers, or another third party, even if the City or Fehr & Peers have been advised of the possibility of such damages.

This Agreement and License shall be governed by the laws of the State of California without regard to their conflicts of law provisions, and shall be effective as of the date set forth below and, unless terminated in accordance with the above or extended by written amendment to this Agreement, shall terminate on the earlier of the date that You are not making use of the VMT Tool or one year after the beginning of Your use of the VMT Tool.

By using the VMT Tool, You hereby waive and release all claims, responsibilities, liabilities, actions, damages, costs, and losses, known and unknown, against the City and Fehr & Peers for Your use of the VMT Tool.

Before making decisions using the information provided in this application, contact City staff to confirm the validity of the data provided.

Print and sign below and submit to City of Santa Monica along with the transportation assessment Memorandum of Understanding (MOU).

You, the User

By: _____

Print Name: _____

Title: _____

Company: _____

Address: _____

Phone: _____

APPENDIX H

Water Use Memorandum

700 South Flower Street, Suite 2100 Los Angeles, CA 90017 213.418.0201 kpff.com

MEMO

DATE: 04-11-2019

TO: LINA LEE

FROM: SAMUEL VANHERSECKE

RE: WATER USE MEMORANDUM

The Wellness Center Project (proposed project) would involve the development of an approximately 67,513 square foot (sf) facility dedicated to Medical Research and Development and an Office and Outpatient "Wellness Center" located at 1242 20th Street in the City of Santa Monica. The proposed project would include 59,548 sf of new construction and adaptive reuse of approximately 7,965 sf of an existing (former funeral home) building.

Located in Mid-City area of City of Santa Monica, the project site is north of Santa Monica Boulevard within the Health Care Mixed Use (HMU) District. The project site is bordered by 20th Street on the east, Arizona Avenue to the south, the 19th Court alley to the west, and the Lighthouse Church and School to the north. Currently, the site consists of an approximately 45,009 sf lot that is occupied with a 2-story funeral home facility/chapel structure with a connected 4-car garage, two 2-story residential structures, and a surface parking lot.

In response to long-term drought effects, the City of Santa Monica set a goal to stop importing water, and become water self-sufficient by 2020. On July 1st of 2017, the Water Neutrality Ordinance was implemented by the City of Santa Monica as one of the strategies to achieve water self-sufficiency. The ordinance limits water use for new developments to an average of the past five-year historical use for corresponding parcels. On November 27th of 2018, the Office of Sustainability and the Environment presented modifications to the Ordinance to strengthen the policy's ability to address new water demand created by new development, outdoor water features, tenant improvement projects, and residential remodels. The modifications to the ordinance became effective as of January 18th of 2019.

Santa Monica Water Neutrality Calculator for Commercial Developments was utilized to determine additional water demand from the proposed project. The baseline water demand, which equates to an average of the past five-year historical use for parcels, was tabulated by the City of Santa Monica. According to the Water Conservation Unit of City of Santa Monica, the baseline water demand in parcels 4276-013-032 and 4276-013-033 is 460,768 gallons per year, as shown in Attachment A. The water demand for the proposed project was calculated considering: (1) building use square footage with different water fixture types and

the corresponding flow rates, (2) square footage of proposed water features such as pools, spas and ponds, and (3) square footage of landscape and irrigation features. As shown in Attachment B, the calculated total water demand of the project site is 1,650,902 gallons per year. By subtracting the baseline water demand from the projected water demand, the calculator showed an offset of 1,190,134 gallons per year would be required for the proposed development.

When the proposed water demand is greater than the baseline demand, the additional demand from the proposed project can be offset through installation of water-efficient systems on-site, or by paying a fee to contribute to the city-wide water fixture retrofit program. It is our understanding that the project will need to fulfill the offset requirements by implementing water-efficient fixtures or by supporting the City's retrofit program with an in-lieu payment.

Attachment A

City of
Santa Monica®

Office of Sustainability and the Environment
1717 4th Street, Suite 100
Santa Monica, CA 90401
310-478-8972

Authorization for Release of Water Usage Information

Note: This form is required only if the Applicant Name on the Water Neutrality Calculator is different from the Customer Name on the Utilities Account for the new development's service address.

Please send completed form to savewater@smgov.net. Questions? Please call 310-458-8972, x2.

Account Number
111051 – 02

Service Address
1925 Arizona Ave. Santa Monica CA 90404

Customer Name (as shown on the Utilities Account Statement) 1925 Arizona (LA), LLC

I, (print Customer Name) Matt Walters,
holder of the above referenced City of Santa Monica Utilities Account, hereby authorize the City of Santa Monica to release water usage information for this account to:
(print Applicant Name) Brian O'Neil
for the following purpose: Water Neutrality Ordinance Compliance.

Signature (Customer): Matt Walters

Date: 04/26/2018

Phone: 323-860-9566

Email Address: mwalters@cimgroup.com

From: Savewater <savewater@SMGOV.NET>
Sent: Wednesday, May 09, 2018 1:23 PM
To: Matthew Walters
Cc: Lina Lee
Subject: RE: 1925 Arizona 5 year Water Consumption

Hello,

Thank you the application was confirmed received by a Water Billing Specialist. Please note, 1258 20th street is the service address attached to this account. The Baseline Water Demand for 1258 20th Street is 460,768 gal/year. Please use this number as the Baseline Water Demand on the Water Neutrality Calculator for your new development plan you plan to submit for review.

Per SMMC 7.16.050, the most recent five-year average of water use According to City records at the proposed development site will be used as the baseline water demand.

Thank you

WE ♥ SANTA MONICA
Save water. Show your love.

Water Conservation Unit
City of Santa Monica
Office of Sustainability and the Environment
Main 310.458.2213 | sustainableSM.org
Water 310.458.8972 | SMgov.net/water

Please note: the Office of Sustainability is closed on alternate Fridays.

Attachment B

Santa Monica Water Neutrality Calculator - SMMC 7.16.050
A commercial development is non-residential.

User Input Instructions

Fill in all white boxes applicable to the project	
Date (MM/DD/YY)	08/08/18
Project Name	20th Street Wellness Center

A value must be entered for the **'Total Building Gross Area (sq.ft)'** input in order to see results of calculator.

Total Building Gross Area (sq.ft.)	67,500 sq.ft.
Permit Number	16ENT-0048
Assessor's Parcel Number(s)	
A.	4276-013-032
B.	4276-013-033
C.	
D.	
Project Address (es)	
A.	1925 Arizona Ave.
B.	1234 20th Street
C.	1242 20th Street
D.	

	Function of Space	Maximum Occupants
Total Building Occupants	Business areas	675

Indoor Water Use
Choose the highest flow rate for each type of fixture to be installed.

Fixture Type	Flow Rate
Showerheads	None
Bathroom Faucets	0.50 gallons per minute
Kitchen Faucets	1.00 gallons per minute
Toilets (Water Closets)	0.80 gallons per flush
Urinals (Floor Mount)	0.125 gallons per flush
Zero Water Urinals	0 gallons per flush
Total Annual Gallons	**1,617,384 gal/yr**

Applicant Name	1925 Arizona (LA), LLC
Applicant Email	llee@cimgroup.com
Applicant Phone Number	323-860-1808
Water Account Number(s)	111051-02
Meter Number(s): 10357023, 1135929, 12815439, 12815443, 12815447, 12815478	
12815481, 12712903	

Baseline Water Demand (existing property water use)

5-Year Annual Average (gal) (Provided by the City)	460,768 gal/yr

Pools, Spas, Ponds or Water Features

Provide surface area for the new total area or for the enlarged area only.

Type	Surface Area (sq. ft.)
Pool	0 sq.ft.
Spa	0 sq.ft.
Water feature	25 sq.ft.
Pond	0 sq.ft.
Total Annual Gallons	**1,433 gal/yr**

Landscape and Irrigation
For the section below copy this information from the Plantable Landscape Area Calculator on the Landscape Plan and the Hydrozone Matrix on the Irrigation Plan.

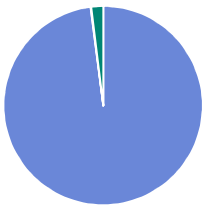
Plant Type	Area (sq.ft)
Tree, Shrubs, Vines, Groundcovers (woody plants)	2,500 sq.ft.
Herbaceous Perennials	
Desert Adapted Plants	2,500 sq.ft.
Annual Flowers & Bedding Plants	
Cool-season Recreational Turfgrass (Tall fescue, Ky. Bluegrass, Rye, Bent)	
Warm-season Turfgrass (Bermuda, Zoysia, St. Augustine, Buffalo)	
Deciduous Fruit Trees	
Evergreen Fruit Trees	
Vegetables Crops	
Total Annual Gallons	**32,085 gal/yr**

For advanced water-efficient projects and alternative compliance methods call 310.458.8972 ext.2

Santa Monica Water Neutrality Calculator - SMMC 7.16.050
A commercial development is non-residential.

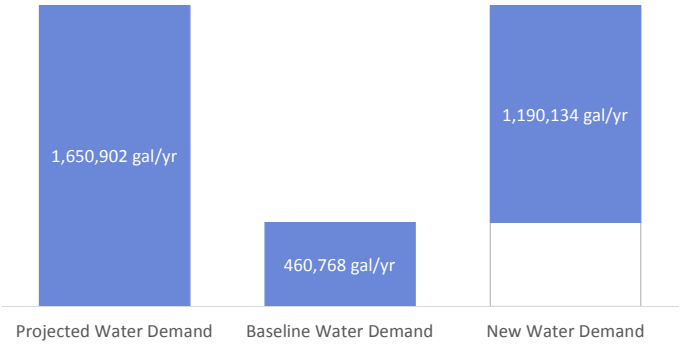
Permit Number	16ENT-0048

Projected Water Demand Breakdown



Indoor	1,617,384 gal/yr
Pools	1,433 gal/yr
Landscaping	32,085 gal/yr
Total	**1,650,902 gal/yr**

Annual Water Demand



Annual Water Demand Summary
The new development will use an additional 1,190,134 gallons of water per year verses the current property. In order to offset the additional water use so that the building will be water neutral, an offset of 1,190,134 gallons per year is required. See offset page for requirements.

The projected water demand will become the water customer's Water Use Allowance on their utility bill. Exceeding the allowance may result in administrative, civil and/or criminal penalties.

APPENDIX I

Alternative 6 Ingress-Egress Assessment

FEHR PEERS

MEMORANDUM

Date: September 25, 2018

To: Rachel Kwok, Russell Bunim, City of Santa Monica
CC: Ruta Thomas, Dudek

From: Fatemeh Ranaiefar, Netai Basu, Tom Gaul

Subject: Wellness Center - Evaluating Access Options

Ref. LA17-2917

The proposed project involves the construction of a new facility for medical research & development (R&D), clinical and office space, and cultural facilities at 1242 20th Street in Santa Monica ("Wellness Center" or project). The proposed Wellness Center would total approximately 67,513 square feet, including approximately 59,500 of new construction and the adaptive reuse of a former funeral home and mortuary. The project site is located in the City's Health Care Mixed-Use (HMU) District. The site slopes gently to the southeast and has 300 feet of frontage on 20th Street and on 19th Court, and 150 feet of frontage on Arizona Avenue.

The project as proposed would have all vehicular access located on 19th Court (Scenario 1). A primary driveway 24 feet wide would be located at the northern end of the building and, slightly to the south, a separate driveway approximately 19 feet wide would provide access to the building's service/loading area. In response to comments from members of the public, a second access scenario has been developed which would maintain access to the service/loading area on 19th Court but which would locate the primary driveway at the north end of the site on 20th Street (Scenario 2). Because the existing building which would be retained and adaptively reused is located at the southern end of the project site, access to the proposed subterranean parking structure from Arizona Avenue is not possible. The purpose of this memorandum is to provide an independent assessment of the two site access options under consideration for this project. The conclusion is that while each scenario is viable, there are not exceptional circumstances on or near the site that preclude the use of the alley for access as required under normal circumstances by the City's General Plan and regulations.

Regulatory Framework in Santa Monica

Relevant City of Santa Monica policies and standards found in the General Plan and in the Municipal Code that relate to the location and characteristics of driveways on the project site are presented below to provide a framework for consideration of the two site access scenarios under consideration.

The Santa Monica Land Use and Circulation Element (LUCE) designates 20th Street adjacent to the project site as a Major Avenue, a street type which "serves regional auto trips and provides access for all modes of transportation, but accommodates autos well enough to discourage use of secondary avenues or neighborhood streets as alternates." Arizona Avenue adjacent to the project site is designated as a Minor Avenue, which "serves local trips. Connects neighborhood streets to other streets" (page 4.0-53).

The California Vehicle Code (CVC Division 1, Section 110) defines an alley as "any highway having a roadway not exceeding 25 feet in width which is primarily used for access to the rear or side entrances of abutting property." The LUCE (page 4.0-22) defines an alley as a "narrow lane serving loading docks of commercial areas and garages in residential area" and provides the following design guidance: "Design alleys to accommodate service loading, emergency response, garbage pickup, deliveries, garage entry and exit, and other loading and unloading functions, discouraging these functions from other streets."

Several of the goals, policies and actions set forth in the LUCE bear on consideration of where vehicular access should be provided on the project site.

> Encourage a more sustainable transportation system. (Goal T18, page 4.0-56). An action to further this goal that relates to private development is to:
>
> - Prohibit driveways on boulevards and major avenues where access is available from a side street or alley.
> - Implement standards for the safe and convenient design of projects, including safe interaction between private property and the public right-of-way.
>
> Design parking to meet applicable urban design goals and minimize negative impacts on pedestrians, bicyclists and transit users (Goal T25, page 4.0-72). Policies that further this goal are:
>
> - Require adequate on-site loading areas for child care centers, healthcare offices and other uses with intensive passenger drop-off demands, and

work with schools to encourage provision of adequate loading areas. (Policy T25.1)

- Require that parking be accessed only from alleys, where alley access is available. Policy (Policy T25.2)
- Minimize the width and number of driveways at individual development projects. (Policy T25.3)

The LUCE includes numerous specific programs and actions to further the City's policies and goals. Among them, as private development occurs, are investments in the automobile network that:

- Restrict driveways on boulevards and major avenues where access is available from a side street or alley.
- Ensure safe and convenient design of projects, including safe interaction between private property and the public right-of-way. (page 5.0-18)

Although the project site is located in the Healthcare Mixed-Use District, the opposite side of 20th Street in this block is zoned for and occupied by multi-family residential buildings and a small hotel. For that reason, a policy relating to residential neighborhoods is also relevant.

> Policy LU15.18 Urban Form-Alleys and Side Streets in Residential Neighborhoods. Minimize the visual impact of the automobile in residential front yards by requiring the use of alleys and/or side streets for access, where they are available. In new construction where alley access is not available, the garage is encouraged to be located underground or in the rear half of the lot. When the garage must face the street, it shall be recessed no less than 10 feet from the front elevation of the residential structure. Front doors, porches and windows in habitable rooms should face toward the sidewalk.

The Santa Monica Municipal Code (SMMC) includes relevant guidance on the location and characteristics of driveways. [1]

> "Required off-street parking and loading spaces shall be located on the same parcel as the use they serve, except as otherwise provided in this Chapter. Entrances to off-street parking and loading should be located on a non-primary façade, except as described below. Where a parcel contains more than 1 street frontage, the parking entrance should be located on the secondary street or alley. All efforts should be made to eliminate the impacts of parking entrances on main thoroughfares and transit-oriented streets. …" (SMMC Section 9.28.070)
>
> "Loading spaces shall be accessible from an alley, or if no alley is adjacent to the site, a minor roadway." (SMMC Section 9.28.080 F. 5)

[1] http://www.qcode.us/codes/santamonica/ accessed September 2018.

"The design, location or position of any parking layout, entry, driveway, approach or acccessway from any street or alley shall be approved by the Director." (SMMC Section 9.28.120 A)

"Alley Access. Access to parking areas shall be from alleys. Curb cuts are prohibited except where a project site meets at least one of the following criteria:

- The site has no adjacent side or rear alley having a minimum right-of-way of 15 feet. Corner parcels with no adjacent side or rear alley must take access from the side street.
- The average slope of a multi-unit residential parcel is at least 5 percent.
- The Director determines that a curb cut is appropriate due to traffic, circulation, or safety concerns.
- Commercial properties may have nonresidential parking access from side streets." (SMMC Section 9.28.120 B.3)

"Hazardous Visual Obstructions … no person shall permit any obstruction, including, but not limited to, any fence, wall, hedge, tree, or landscape planting to obscure or block the visibility of vehicles entering or exiting an alley, driveway, parking lot, street intersection, or other vehicle right-of-way or to constitute an unreasonable and unnecessary hazard to persons lawfully using an adjacent pedestrian or vehicle right-of-way. In addition, no obstruction shall be located less than 5 feet from the intersection of the street-facing parcel line with a driveway or garage door, or the intersection of parcel lines adjacent to street or alley intersections unless the obstruction is either less than 24 inches above the adjacent vehicle right-of-way or is authorized pursuant to subsection (B). In addition, unless authorized pursuant to subsection (B), no obstruction shall be located less than 5 feet from the intersection of the alley-facing parcel line with a driveway or garage door, and this area must be paved in accordance with Section 9.28.120(I)." (SMMC Section 9.21.180)

Taken together, it appears that the City's policies and requirements require that vehicular access for the site be taken from 19th Court unless the Planning Director determines that there are sufficient traffic, circulation or safety concerns to justify locating the primary driveway for the project on 20th Street.

Driveway Location Standards and Requirements in Nearby Cities

Requirements and standards of the City of Los Angeles and Culver City were reviewed.

Los Angeles' driveway design guidelines[2] state that the "basic principle of driveway location planning is to minimize possible conflicts between users of the parking facility and users of the abutting street system. The public interest requires optimum capacity of streets and highways to carry traffic with minimum potential for traffic accidents. The safety of pedestrians is also considered. This calls for the minimum number of driveways, consistent with street and lot capacity, located on streets with the least traffic volume, when there is a choice." For that reason, the City's guidelines state that driveways for residential projects should not be permitted on arterial highways where access is possible using an alley or a non-arterial street. For industrial or commercial projects located at intersections of arterials with non-arterials, driveways should be located on the non-arterial frontage.

Culver City's guidelines state that "Driveways shall be planned to minimize potential conflicts. It is desirable to line up major driveways across the street from existing driveways. Driveway locations shall maximize motorists' visibility and be compatible with existing driveways and traffic signals. It is undesirable to position driveways in close proximity to other driveways or at the inside of horizontal curves. It is also undesirable to have driveways within 100 feet of an approach to a signalized intersection. Additionally, no driveway shall be located within 25 feet of a stop sign. Adequate visibility for driveways onto streets and alleys is also a concern to be addressed. The traffic study shall demonstrate there is adequate visibility for driveways which access onto streets and alleys. The traffic consultant shall consult with the Engineering Division and the Planning Division to determine if vehicle access is limited on certain streets where the City is focusing efforts to enhance the pedestrian oriented environment."[3]

Existing Land Uses and Circulation of the 19th Court Alley

The segment of 19th Court between Wilshire Boulevard and Arizona Avenue is a standard 20-foot wide paved alley approximately 150 feet west of 20th Street. The alley provides access to the existing residential buildings on 19th Street, to off-street parking and businesses on Wilshire Boulevard, to the private Lighthouse Church School located on 20th Street immediately north of the

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[2] http://ladot.lacity.org/sites/g/files/wph266/f/LACITYP_123016-DRIVEWAY%20DESIGN.PDF.pdf

[3] Traffic Study Criteria for the Review of Proposed Development Projects within the City of Culver City (July 2012). https://www.culvercity.org/Home/ShowDocument?id=12674

project site, and to parking for the Walgreens drug store on 20th Street. The alley also holds municipal waste and recycling bins, which are collected weekly.

Figure 1 shows the location of 19th Court with respect to the Project site. Figure 2 and Figure 3 show views of the alley from the north (Wilshire Boulevard) and from the south (Arizona Avenue).

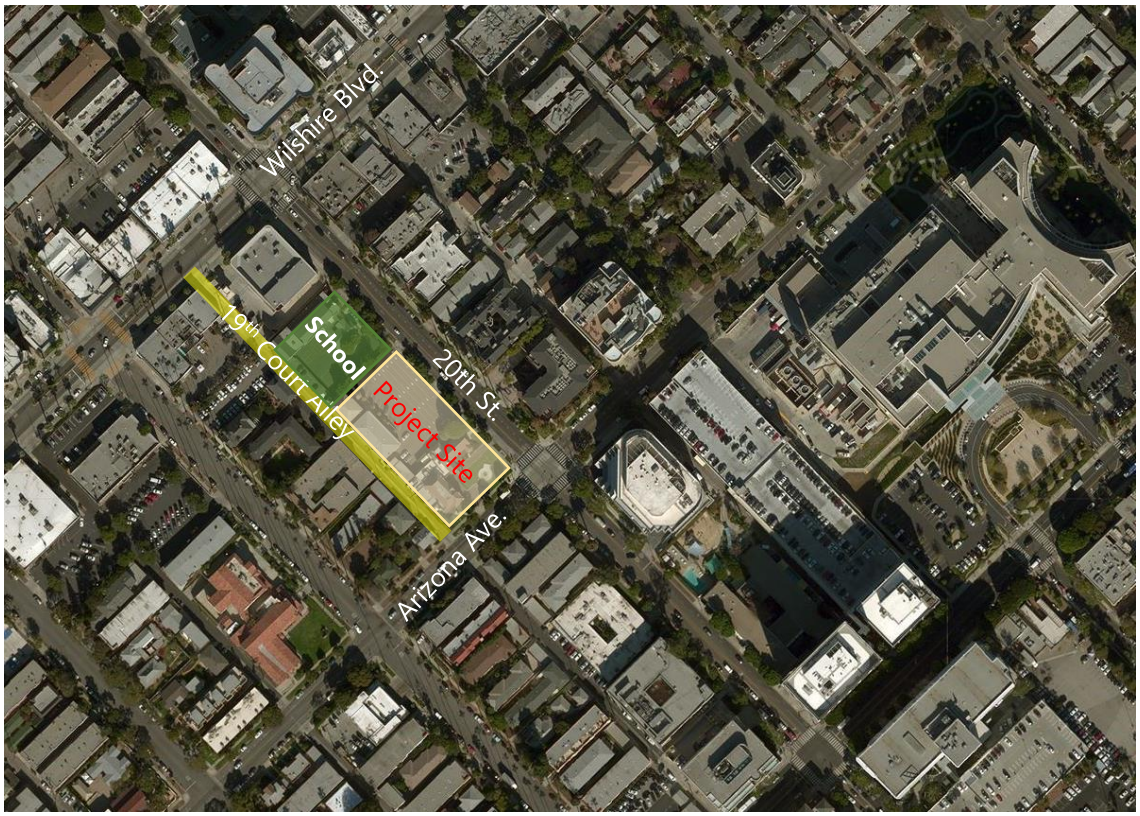

Figure 1. Project Site Location and 19th Court Alley

Figure 2. 19th Court Alley View from Wilshire Boulevard

Figure 3. 19th Court Alley View from Arizona Avenue

Observations of Vehicle Circulation on 19th Court

We conducted several field visits to the site to observe the vehicle circulation in the alley (19th Court) during the morning drop-off and the afternoon pick-up times, as well as at other weekday and weekend periods.

The 20-foot alley accommodates two-way traffic. Because there are electric poles and garbage cans, drivers must proceed with caution and when two full-size vehicles meet, one driver will ordinarily stop or slow to yield to the other. At the rear of the Lighthouse Church School, perpendicular parking stalls are located on the alley and are used by staff and visitors.

The parking lots at the northern end of the block which are accessed from 19th Court serve the businesses on Wilshire Boulevard and were observed to generate sporadic trips, most of which entered from and exited to the north. During the weekday evening peak hour, some vehicles had to wait for gaps in the eastbound queue of traffic on Wilshire Boulevard to clear before exiting the alley. None had to wait more than one signal cycle. Minor delays for vehicles exiting onto Arizona Avenue at the south end of the alley were also observed.

The Lighthouse Church School is a small elementary/middle school (Grades K – 8) located immediately north of the project site. In the current 2017-2018 academic year it has an enrollment of 63 students and a staff of eight.[4] The school day is from 9:00 AM to 2:45 PM. Early drop-off and child care is available from 7:30 AM to 8:30 AM and after school care is available from 3:00 PM to 5:30 PM. The morning drop-off period is from 7:45 AM to 8:15 AM. The afternoon pick-up period is from 2:45 PM to 3:00 PM. The school allows student loading operations on site during limited hours for drivers who enter from 19th Court and exit onto 20th Street. Before and after these periods, a sliding gate on 19th Street is closed and vehicles are unable to pass through the school. Overall the school-related traffic is very organized and orderly. During the pickup and drop-off time, most vehicles were observed to turn right into 19th Court from Arizona Avenue. We did not observe queuing in the alley or on Arizona Avenue during the school pick-up and drop-off period.

Existing Traffic Volumes on 19th Court

New traffic volume counts were collected in late January 2018 at each end of the block of 19th Court between Wilshire Boulevard and Arizona Avenue. Schools were in normal session and the weather was clear. During the 24-hour period, a total of 317 vehicles (121 inbound and 196 outbound) used

[4] https://www.cde.ca.gov/ds/si/ps/index.asp accessed September 14, 2018.

the northern end of the alley at Wilshire Boulevard and a total of 386 vehicles (190 inbound and 196 outbound) used the southern end of the alley at Arizona Avenue. Figures 4 and 5 graph these daily traffic volumes. The alley use at the northern end (Wilshire Boulevard) is steady, between 5 and 15 inbound vehicles and 5 to 20 outbound vehicles (or 10 to 30 vehicles total) per hour between 7 AM to 7 PM. This equates to approximately one vehicle entering or exiting the alley to/from Wilshire Boulevard every two minutes. Traffic volumes at the southern end of the block peaked between 8:00 AM and 9:00 AM and between 3:00 PM and 4:00 PM at the northern end of the block. These times coincide with the start and end of the school day. During the peak hour starting at 8:00 AM, approximately 50 vehicles travelled thorough the alley, or an average of less than one per minute.

Modest volumes of pedestrians and bicyclists were counted crossing 19th Court at each end of the block, potentially conflicting with vehicles entering and exiting the alley. At the intersection of 19th Court & Wilshire Boulevard, 20 pedestrians and one bicyclist were observed crossing the alley access during the AM peak hour and 45 pedestrians and two bicyclists were observed during the PM peak hour. At the intersection of 19th Court & Arizona Avenue, 26 pedestrians and 24 bicyclists were observed crossing the alley access during the AM peak hour and 17 pedestrians and 17 bicyclists were observed during the PM peak hour.

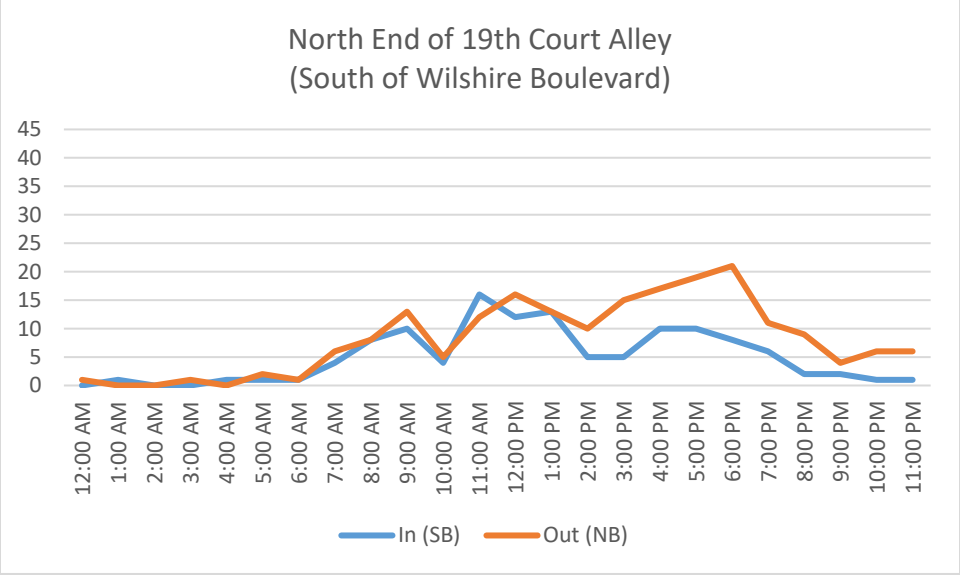

Figure 4. Daily Traffic Volumes at North End of 19th Court Alley

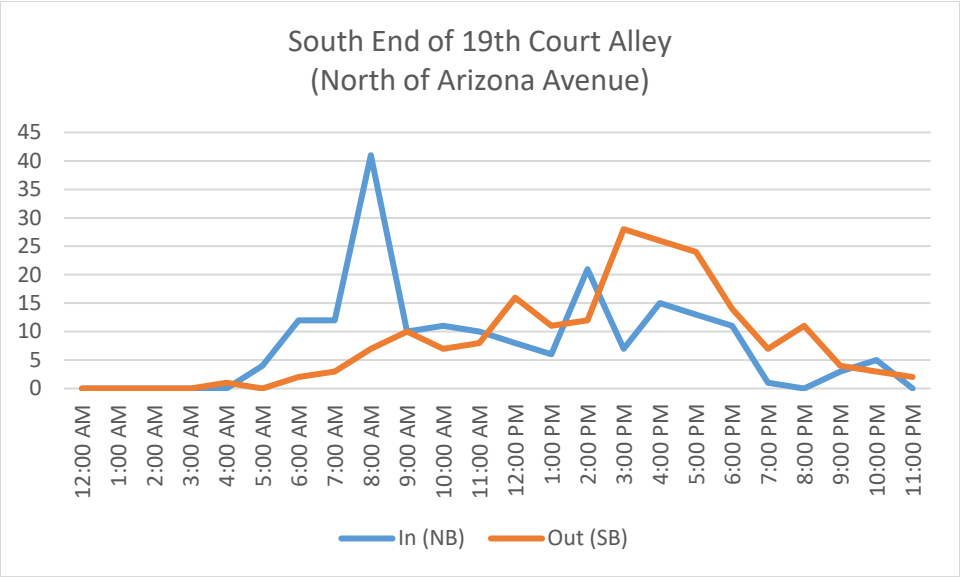

Figure 5. Daily Traffic Volumes at South End of 19th Court Alley

Existing and Future Levels of Service and Queuing

Data from the "20th Street and Arizona Wellness Center Traffic Impact Study" (Fehr & Peers, August 2018) was reviewed to identify existing and projected future levels of service (LOS) and queuing at intersections close to the project site.

The project is estimated to generate approximately 1,325 daily trips, including 98 trips in the weekday AM peak hour (73 trips in, 25 trips out) and 110 trips in the weekday PM peak hour (28 trips in, 82 trips out). The AM peak hour of the proposed Wellness Center would occur sometime between 7:30 AM and 9:30 AM, and may coincide with the peak hour of entering trips for the Lighthouse Church School, when most trips are inbound. The PM peak hour analyzed in the transportation impact analysis is the highest hour between 4:00 PM and 6:00 PM, and would occur after most of the activity at the adjacent school has ended.

The intersection of 20th Street & Wilshire Boulevard is shown to operate at LOS B under existing conditions in both the AM and PM peak hours. Under future with project conditions, delay will increase but it still projected to operate at LOS B. 20th Street & Arizona Avenue is shown to operate at LOS C under existing conditions in both the AM and PM peak hours. Under future with project conditions (Scenario 1), delay would increase and it is projected to remain at LOS C in the AM peak

hour and decline to LOS D in the PM peak hour. Under future with project conditions (under the 20th Street access scenario), it is projected to remain at LOS C in both peak hours.

Table 1
Existing and Projected Levels of Service

Location/Scenario	AM Peak Hour			PM Peak Hour		
	V/C	Delay	LOS	V/C	Delay	LOS
Existing						
20th St & Wilshire Blvd	0.595	20	B	0.508	18	B
20th St & Arizona Ave	0.748	26	C	0.586	24	C
Future with Project - Scenario 1 (Alley Access)						
20th St & Wilshire Blvd	0.571	17	B	0.551	19	B
20th St & Arizona Ave	0.738	23	C	0.648	43	D
Future with Project - Scenario 2 (20th Street Access)						
20th St & Wilshire Blvd	0.570	17	B	0.549	19	B
20th St & Arizona Ave	0.718	21	C	0.673	35	C

Table 2 summarizes the 50th Percentile (average) queue lengths for the eastbound and northbound through lanes at 20th Street & Wilshire Boulevard, and for the eastbound through/right-turn lane and the southbound through/right-turn lane at 20th Street & Arizona Avenue. These movements are the most likely to affect access to the site via 19th Court or via 20th Street. The alley is located approximately 150 feet west of 20th Street. An eastbound queue length of over 150 feet at either intersection would temporarily obstruct access to the alley. A southbound queue of over 275 feet at the 20th Street & Arizona Avenue intersection or a northbound queue of over 325 feet at 20th Street & Wilshire Boulevard would temporarily obstruct access to and from a driveway on 20th Street. Queue lengths are presented in feet and in the number of vehicles.

The average queue length on eastbound Wilshire Boulevard at the north end of the alley is slightly greater than this distance during the AM peak hour. With the addition of background growth and project-generated trips under each access scenario, the eastbound queues on both Wilshire Boulevard are projected to block the intersections with 19th Court over half of the time. Under Scenario 1, the eastbound queue on Arizona Avenue at 20th Street in the PM peak hour is projected to obstruct access to 19th Court more than half of the time. This is due to increased delay at 20th Street & Arizona Avenue due to higher project-related volumes on 20th Street.

With the addition of background growth and project-generated trips under each access scenario, the southbound queue on 20th Street is projected to block the potential driveway location on 20th Street over half of the time.

In each case, although the projected queues (on eastbound Arizona Avenue and on northbound 20th Street) would extend to site access points under consideration more than half of the time, the alley or potential driveway would still function. Right-turns into and out of the alley and the potential driveway could occur, and the projected left-turning volumes are not so great that they could not occur during time when there are gaps in the queues.

Table 2
Existing and Projected Queue Lengths (50th Percentile)

	AM Peak Hour		PM Peak Hour	
Location/Scenario	Feet	Vehicles	Feet	Vehicles
Eastbound Approach				
Existing				
20th St & Wilshire Blvd	168	7	147	6
20th St & Arizona Ave	80	3	129	5
Future with Project - Scenario 1 (Alley Access)				
20th St & Wilshire Blvd	168	7	197	8
20th St & Arizona Ave	130	5	187	7
Future with Project - Scenario 2 (20th Street Access)				
20th St & Wilshire Blvd	168	7	197	8
20th St & Arizona Ave	122	5	148	6
Southbound Approach				
Existing				
20th St & Arizona Ave	262	10	124	5
Future with Project - Scenario 1 (Alley Access)				
20th St & Arizona Ave	294	12	138	6
Future with Project - Scenario 2 (20th Street Access)				
20th St & Arizona Ave	302	12	164	7
Northbound Approach				
Existing				
20th St & Wilshire Blvd	69	3	137	5
Future with Project - Scenario 1 (Alley Access)				
20th St & Wilshire Blvd	97	4	132	5
Future with Project - Scenario 2 (20th Street Access)				
20th St & Wilshire Blvd	97	4	131	5

Crash History

Crash history data from the Statewide Integrated Traffic Records System (SWITRS) was reviewed at the two intersections on 20th Street as well as at both ends of the 19th Court alley for the most recent five-year period between January 2013 and December 2017. The frequency and severity of crashes at these locations was comparable to intersections in the vicinity that are of similar size and importance within the overall street network.

- At the intersection of 20th Street & Wilshire Boulevard, there were 19 reported crashes during this period with seven crashes resulting in injuries, and at the intersection of 20th Street & Arizona Avenue, there were nine reported crashes with three crashes resulting in injuries. No fatal crashes occurred at the intersections on 20th Street. One of the crashes at the intersection of 20th Street & Wilshire Boulevard, which occurred in 2014, involved a pedestrian. Additionally, one crash at 20th Street & Wilshire Boulevard, and one crash at 20th Street & Arizona Avenue involved a bicyclist. These crashes both occurred in 2016.
- One crash was reported in the SWITRS database during this period at the intersection of 19th Court alley & Arizona Avenue. This was a broadside crash that involved two vehicles and resulted in an injury. The primary violation category for this crash was "Unsafe Starting or Backing." There were no crashes reported at the intersection of 19th Court alley & Wilshire Boulevard.

Conclusion and Recommendation

The City's General Plan and Municipal Code contain policies and regulations that dictate site access and driveway location for the proposed Wellness Center. Because the adjacent segment of 20th Street is classified as a major arterial, the City would require that vehicular access for the site be taken from 19th Court, the alley at the rear of the site., unless the Planning Director determines that there are sufficient traffic, circulation or safety concerns to justify locating the primary driveway for the project on 20th Street. This memorandum has reviewed existing and projected levels of service and queues at nearby intersections, as they would affect use of the alley for access, and the 5-year record of reported crashes adjacent to the site. Either site access option under consideration for the Wellness Center is viable. We have not, however, found unusual circumstances which dictate that the City deviate from its normal practice of requiring the use of the alley for all vehicular access to the site.